

NEWSPACE MARKET · SECTOR CATALOGUE

Ground Stations

Every unit we list in this sector — specifications, manufacturers and where to ask for a quote. Compiled from the live NewSpace Market catalogue.

180

PRODUCTS

97

MANUFACTURERS

32

COUNTRIES

41

WITH DATASHEETS

newspacemarket.com/catalogues/ground-stations/

as of 2 September 2026

What is inside

This catalogue lists **180 ground stations products** offered by **97 manufacturers** across **32 countries**. Of those, 41 carry a manufacturer datasheet and 2 publish a price; the rest are quoted on request — normal in this market, where configuration drives cost.

Entries are grouped alphabetically by manufacturer. Every product links back to its page on newspacemarket.com, where you will find the full specification, the datasheet and a quote form that reaches the manufacturer directly.

Compiled 2 September 2026 from the live catalogue. Specifications are as published by the manufacturers; we normalise units but do not re-measure. Where a figure looked implausible it was left out rather than guessed.

Manufacturers by country

United States18

Spain6

China6

India5

South Korea4

Italy4

United Kingdom4

Russia4

Poland4

Sweden3

Japan3

Germany3

Canada3

Netherlands3

Australia2

France2

Israel2

Czech Republic2

Norway2

Belgium1

Ecuador1

Switzerland1

Denmark1

Singapore1

Greece1

Ireland1

Lithuania1

Thailand1

Mongolia1

South Africa1

Slovenia1

Estonia1

All products at a glance

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
0.6 m Portable Monitoring Antenna	MinoSpace	China	Aperture: 0.6 m	on request
1.0m X-band portable station	MinoSpace	China	–	on request
1.5m Ka-band portable TT&C and data transmission station	MinoSpace	China	–	on request
1.8m Ka/Ku Dual-Band Portable Monitoring Antenna	MinoSpace	China	–	on request
13.5m Q/V GEO Earth Station Antenna	Calian (SatService)	Canada	Aperture: 13.5 m	on request
40-metre Thai National Radio Telescope (TNRT)	NARIT (National Astronomical Research Institute of Thailand)	Thailand	–	on request
4m Satcom Antenna	Calian (SatService)	Canada	Reflector diameter: 4 m	on request
7m LEO Earth Station Antenna	Calian (SatService)	Canada	Reflector diameter: 7 m	on request
7m Satcom Antenna	Calian (SatService)	Canada	Reflector diameter: 7 m	on request
9.2m LEO Earth Station Antenna	Calian (SatService)	Canada	Reflector diameter: 9.2 m	on request
9.2m Satcom Antenna	Calian (SatService)	Canada	Reflector diameter: 9.2 m	on request
Ace CtrlPoint™	Parsons Space	United States	–	on request
Alén Space Ground Station Kit (GS-Kit)	Alén Space	Spain	Availability: 16 weeks	on request
Antenna Controller (8200 / 9000 Monopulse)	EUROSATCOM	France	Models: 8200, 9000 Monopulse	on request
Antenna Hosting	Pinkmatter Solutions	South Africa	Location: 25°51'30"S, 28°27'10"E - Boschkop, Pretoria, South Africa, ~40 mi...	on request
Antenna Polarisers	TTI Norte	Spain	Transmission polariser: Ku-band	on request
Antenna System 4,1 meters Ka	Glavkosmos	Russia	Purpose: Designed to receive signals in the Ka-band from satellites locate...	on request
Antenna System 7.2 m	Glavkosmos	Russia	Purpose: Designed for use in satellite communications earth stations for op...	on request
Antenna System 7.2 m C/Ku	Glavkosmos	Russia	Purpose: It is intended for use as part of satellite communications earth s...	on request
Antenna System 7.2 m L/S/X	Glavkosmos	Russia	Purpose: Designed for use as part of satellite communications earth station...	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Antenna-feeder System 9.3 m	Glavkosmos	Russia	Purpose: Designed for use in satellite communications earth stations for op...	on request
Arctic Space Center	Arctic Space Technologies	Sweden	Location: Piteå, Northern Sweden at 65.34°N	on request
Astroflash Satellite Ground Services	Astroflash	Japan	Services: Ground station and communications support	on request
ATZC-10-100 C-Band VSAT Transmitter SSPA	ATCi	United States	Frequency band: C-Band	on request
Aurora — Cloud Mission Control Software	D-Orbit	Italy	Type: Cloud-based Mission Control Software	on request
AX-60-S02190 CCSDS TM/TC Modem	WORK Microwave	Germany	Downlink Compliance: CCSDS 131.0-B-3	on request
AX-62 Space Mission Ground Modem	WORK Microwave	Germany	Symbol rates: 10 ksps to 75 Msps	on request
BridgeComm Optical Ground Terminal / Optical Ground Station (OGT/OGS)	BridgeComm, Inc.	United States	Communications speed: 2.5 Gbps to 1 Tbps	on request
BUC/SSPA Amplifiers (C/X/Ku/Ka Band)	EUROSATCOM	France	KA band ssba power: 400 W	on request
BusCORE Groundstation	SkyFox Labs s.r.o.	Czech Republic	Type: State-of-the-art Hardware Accelerated Satellite Communication System	\$9 790
Capacity Building	Remos Space Systems AB	Sweden	–	on request
Compact Satellite Up- and Downconverter	WORK Microwave	Germany	Bands: L, S, C, X, Ku, K(DBS), Ka, Q-Band	on request
Comsat Systems Satellite Communication Antenna Systems	Comsat Systems	India	Antenna diameter range: 1.0 m to 13.5 m	on request
Console	Data Patterns (India) Ltd.	India	–	on request
CONTEC Ground Station Automation Software	CONTEC	South Korea	Product: Ground station automation software	on request
CubeSat Mission Operations Software	Cosmoworks	South Korea	Platform type: Cloud-based SaaS mission operations software	on request
Data Receiving and Satellites Controlling Station	Glavkosmos	Russia	Year of release: 2018	on request
Decentralized Satellite Data Marketplace	DecenSpace	United States	Technology: Blockchain marketplace, smart contracts, tokenized space data a...	on request
Deep Space Ground Station Network Services	Goonhilly Earth Station	United Kingdom	Location: Goonhilly, Cornwall, UK (historic satellite comms site)	on request
Digital Converters DBDC & DBUC	WORK Microwave	Germany	Operational Temperature: -40° to +70° C	on request
Dual S/X-band Ground Station System	Groundcom.space	Czech Republic	Rx: 7900-8400 MHz	on request
Dual-Band V-Band Block Upconverter (UC-47A251A4DU-1023)	ITS Electronics	–	L-band input: 1000-3100 MHz (x2)	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
EGSE and SCOE Ground Test Equipment	Tsd-space	Italy	Programs supported: PRISMA, SENTINEL-3, ISS EML, SAR-LUPE, ARGO, FOTON, VIR...	on request
EGSE and SCOE, Command & Telemetry Ground Units, TSD I/F Bridge	Tsd-space	Italy	Egse and scoe flight heritage: Payload of PRISMA Hyper-Spectral Earth Obser...	on request
EMPOSAT 1.8m Portable Ground Station	Emposat Co., Ltd.	China	Frequency bands (standard): S/X	on request
EMXYS Ground Station	Emxys	Spain	Sdr over ethernet: Yes	on request
Equatorial Stargate	Astralintu Space Technologies	Ecuador	Location: 0°26'19" N, 78°13'37" W, Quito, Ecuador	on request
ERSDEM-2.5 High-Rate Modem	SSBV Aerospace & Technology	Netherlands	–	on request
ESTELLA HUB	SpaceBridge Inc.	Canada	Standard: DVB-RCS2 (open standard, published by ETSI)	on request
Expedite	Remos Space Systems AB	Sweden	System Role: Software Modem for Telemetry, Telecommand, scheduling, and aut...	on request
Federated Ground Network	Atlas Space Operations	United States	Network size: 50+ antennas across 30+ ground stations	on request
findgs Ground Station Discovery Platform	findgs	–	Type: Ground station marketplace/discovery platform	on request
FOSSA Ground Station	Fossa Systems	Spain	Frequency: UHF, S-band and other frequency ranges	on request
Frequency Converters (Block Up/Down Converters)	EUROSATCOM	France	Band coverage (Indoor Single band): C, X, Ku, Ka Band	on request
Gaia™ Earth Observation Ground Stations (100, 200, 300, 400 Series)	Orbit Communication Systems	Israel	Gaia™ 100 features: No “key hole”, for continuous tracking	on request
GAUSS Mini Ground Dongle	GAUSS Srl	Italy	Output power: Up to 15 dBm	on request
General Dynamics Satellite Ground Terminal — 7.3-Metre Earth Station Antenna	General Dynamics Mission Systems	United States	–	on request
GENUS DIGITAL Module – RF over IP	ETL Systems	United Kingdom	Frequency Range: 850-2450 MHz	on request
Global Ground Station Network	KSAT (Kongsberg Satellite Services)	Norway	Ground station sites: 26 sites globally	on request
Goonhilly Earth Station Antenna Network (GES)	Goonhilly Earth Station	United Kingdom	Location: Goonhilly Downs, Cornwall, United Kingdom	on request
Ground Antenna System 11 / 4-2.5	Glavkosmos	Russia	Purpose: Designed to operate as part of satellite earth stations to receive...	on request
Ground Antenna System 2	Glavkosmos	Russia	Purpose: Designed to work as part of satellite communications earth station...	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Ground Antenna System L/S/C/X/Ku/Ka-bands AFS-12	Glavkosmos	Russia	Year of release: 2017	on request
Ground Antenna System NAS 11-14-2.4	Glavkosmos	Russia	Purpose: Designed for use as part of earth stations in satellite communicat...	on request
Ground Antenna System TAS 4 / 6-6.0 m	Glavkosmos	Russia	Purpose: Designed for use in satellite communications earth stations for op...	on request
Ground Antenna System TAS 4/6-11/14-6.0 m	Glavkosmos	Russia	Year of release: 2015	on request
Ground Antenna System US 11 / 14-3.7	Glavkosmos	Russia	Purpose: Designed to operate as part of satellite earth stations to receive...	on request
Ground Equipment	IQ Spacecom	–	Frequency: 950...2150 MHz	on request
Ground Infrastructure for Space Based Needs	NewSpace India Limited (NSIL)	India	–	on request
Ground Segment Equipment for LEO Constellations	Antwerp Space	Belgium	Products: Satellite modems (S/X/Ka-band), LNAs, baseband processing, VSAT t...	on request
Ground Segment Products (EGSE, SCOE, Command & Telemetry Ground Units, TSD I/F Bridge)	Tsd-space	Italy	Egse for the payload of: PRISMA Hyper-Spectral Earth Observation Satellite	on request
Ground Segment Technical & Hosting Services	Infostellar	Japan	Service type: Turnkey technical implementation + antenna hosting (IaaS)	on request
Ground Station	Glavkosmos	Russia	Purpose: Used to control spacecraft and perform communication sessions.	on request
Ground Station	Data Patterns (India) Ltd.	India	Product type: Ground Station System	on request
Ground Station as a Service	Spacecomm	Poland	Supported bands: VHF, UHF, S-band	on request
Ground Station as a Service	ONDO Space	Mongolia	Location: Ulaanbaatar, Mongolia	on request
Ground Station as a Service (GSaaS)	Spacecomm	Poland	Service type: Cloud-based satellite operations platform	on request
Ground Station Complex	Orbital Systems	Russia	Deployed stations: 7	on request
Ground Station Hosting and Teleport Services	Capricorn Space	Australia	Site size: 35 hectares (86 acres)	on request
Ground Station Network	GEOVIS / Zhongke Xingtu	China	Supported frequency bands: S/X/Ka	on request
Ground Station Network Service	Infostellar	Japan	Service model: Ground station network aggregation ("network of networks")	on request
Ground Station Services	Needronix	Poland	Frequency bands: UHF, VHF, S-band	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Ground Stations	Dhruva Space	India	Antenna range: 3 meter X/Y Rotator (Mesh), 4.5 meter Az/El Rotator-ABS (Mes...	on request
Ground Stations	Orbital Systems	Russia	–	on request
Ground Stations Network	Zhuhai Orbita Aerospace	China	Planned ground stations: 7	on request
Ground Systems Integration Services	SAIC Space	United States	Service type: Ground system integration and operations	on request
GS-KIT	Alén Space	Spain	TRL: 9	on request
HAWK Optical Ground Station	Mynaric	Germany	Aggregate throughput: 200 Gbps per site	on request
HUR-10	ETL Systems	United Kingdom	Model: HURRICANE 64x64 distributive matrix	on request
HWK-G1S-15-F44	ETL Systems	United Kingdom	Routing: FIFO (fan-in fan-out)	on request
IF Downconverter VSCD	WORK Microwave	Germany	Bands: L, S, C, X, Ku, K(DBS), Ka, Q-Band	on request
Image all-in-one service	Hancom InSpace	South Korea	Form factor: 6U CubeSat (200x100x300 mm)	on request
InSpace Satellite Ground Station System and Satellite Image Analysis Service	Hancom InSpace	South Korea	–	on request
InStation Platform	Hancom InSpace	South Korea	–	on request
Integrated TT&C and Data Transmission Ground System	Emposat Co., Ltd.	China	12m station – uplink frequency: 7145 MHz–7250 MHz, step 1 kHz	on request
K/Ka-Band Uplink Transceiver UDC300	ReliaSat	United Kingdom	Rx frequency (downlink): 17-21 GHz	on request
Ka/Q/V-Band Gateway Antenna	Calian (SatService)	Canada	Reflector diameter: 10 m	on request
Kacific CommsBox	Kacific Broadband Satellites	Singapore	Download speed: Up to 6 Mbps (burst), 2.4 Mbps standard	on request
Kacific CommsBox Ultra	Kacific Broadband Satellites	Singapore	Download speed: Up to 30 Mbps	on request
Kratos KPBESA40M.C2 4.0 Meter Earth Station Antenna	Kratos Defense & Security Solutions	United States	Optics type: Dual Reflector Gregorian	on request
KSATlite	KSAT (Kongsberg Satellite Services)	Norway	Ground stations (KSATlite): 26 globally distributed stations	on request
Kumsan Teleport Services	KT SAT	South Korea	–	on request
LatZero Link Network	Astralintu Space Technologies	Ecuador	Antenna diameter: 0.65 m	on request
Leaf Hosting — Ground Station Co-Location	Leaf Space	Italy	Service type: Infrastructure co-location (your hardware at Leaf Space sites)	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Leaf Key — Dedicated Ground Station	Leaf Space	Italy	Access model: 100% dedicated or part-time dedicated (shared)	on request
Leaf Line — Ground Segment as a Service	Leaf Space	Italy	Ground station network: 40+ stations across 19 global locations	on request
LEOP Services	Swedish Space Corporation (SSC)	Sweden	Frequency: S-Band, X-Band, C-Band, Ku-Band, Ka-Band	on request
LNB/LNA Low Noise Amplifiers	EUROSATCOM	France	C band lnb frequency: 3.4-4.2 GHz	on request
LORETT EO Ground Station	Lorett	Russia	—	on request
Lunar Ground Segment	Intuitive Machines	United States	—	on request
Lunar Services	Swedish Space Corporation (SSC)	Sweden	Data rates: 5 kbps to 80 Mbps	on request
Magnet	gmV	Spain	—	on request
MASER Engineering Satellite Ground Equipment	MASER Engineering	Netherlands	Products: Ground station equipment, RF systems	on request
Mobile Ground Satellite Communication Station ZSSS-L	Glavkosmos	Russia	Purpose: Designed to work in Ku-band trunks used in the Luch MSRS.	on request
Mobile Station Centre	Groundcom.space	Czech Republic	Data rate: 300+ Mbps	on request
Model 2265EC Multi-Channel PCM Bit Synchronizer / Encapsulator	GDP Space Systems	United States	Channels: Up to 4 per 2U chassis	on request
MuDash	Muon Space	United States	Function: Cloud-based Command, Control & Communication (C3) platform	on request
NanoCom GS100	GomSpace	Denmark	Internal Power Amp: 25 W	on request
NanoCom GS2000	GomSpace	Denmark	Form Factor: 2U 19" rack-cabinet	on request
Navigation and Attitude Pointing Systems	Azimut Space	Germany	Products: Az-El antenna positioners, gyro-stabilized platforms, pointing co...	on request
Optical Ground Station (OGS)	Swedish Space Corporation (SSC)	Sweden	Data rate: up to 10 Gbps	on request
Optical Ground Stations	General Atomics Synopta GmbH	Switzerland	S-aogs telescope size: > Ø 0.5 m	on request
Optical Quantum Ground Station (OQGS)	QEYSSat (Quantum Encryption and Science Satellite)	Canada	Type: Optical Quantum Ground Station (OQGS)	on request
OrbitCmd®	Qwaltec	United States	Delivery format: Virtual machine (VM)	on request
Orthomode Transducers (OMTs)	TTI Norte	Spain	Omt full-band q/u/v: Q/U/V band	on request
Our Infrastructure	OrbAstro	—	—	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Platform as a Marketplace for Ground Station Services	Spaceit	Estonia	–	on request
Redundant Block Downconverter VSBD-Red	WORK Microwave	Germany	Bands: S, C, X, Ku, K(DBS)-Band	on request
Redundant Block Upconverter	WORK Microwave	Germany	Bands: S, C, X, Ku, K(DBS)-Band	on request
Remote Control RC-CO	WORK Microwave	Germany	Interface: RS232 or RS422/RS485, IP over Ethernet	on request
S-band Ground Station System	Groundcom.space	Czech Republic	Rx: 2200-2300 MHz	on request
S-Band Multibeam Phased Array Ground Station	Quasar Satellite Technologies	Australia	Frequency band: S-band	on request
S-Band Receiver for HISPICO (Ground Station)	IQ Spacecom	–	Price: €7,800	€7 800
SATCOM/VSAT Antenna Terminals	EUROSATCOM	France	Sizes: 60 cm, 80 cm, 100 cm, 130 cm	on request
Satellite Data Receiving Training Station	Glavkosmos	Russia	Purpose: Radiosignals receiving for analisis and use in project activity.	on request
Satellite Ground Stations Network	Swedish Space Corporation (SSC)	Sweden	Antenna size (Esrang Space Center): 3-13 m	on request
Satellite Ground Systems	Kongsberg Defence & Aerospace — Space Division	Norway	Systems: TT&C, mission operations, data processing, AIS/VDES	on request
Satellite Link Monitoring and Spectrum Management	Apolink	United States	Platform: Real-time satellite link monitoring + spectrum management	on request
SatNOGS	Libre Space Foundation	Greece	–	on request
Scalar Feed Horn Antennas (SFHA)	Anteral	Spain	Type: Scalar feed horn antenna	on request
SCOUT	Arctic Space Technologies	Sweden	Reflector diameter: 2.4m / 3.7m	on request
SDR Rack	Alén Space	Spain	Availability: 16 weeks	on request
SDR-RACK S-BAND	Alén Space	Spain	TRL: 9	on request
SDR-RACK UHF, VHF AND S-BAND	Alén Space	Spain	TRL: 9	on request
SGRS-12P Ground Station	Satrev (SatRevolution)	Poland	Bands: UHF (redundant TT&C), S-band (data downlink)	on request
Simulsat 5B Multibeam Earth Station	ATCi	United States	Satellites simultaneously received: Up to 35 (70° view arc) / Up to 37 (75°...	on request
Simulsat 7A Multibeam Earth Station	ATCi	United States	Satellites received simultaneously: Up to 37	on request
SkyEdge II-c VSAT Platform — Satellite Broadband Terminal for Rural Connectivity	Gilat Satellite Networks	Israel	–	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Skynopy Ground Station Service	Skynopy	France	Funding: 15M€	on request
Skynopy Ground Station Services	Skynopy	France	Funding: 15M€	on request
Space Object Radar Tracking Network	LeoLabs	United States	Minimum trackable object: 2 cm (LEO)	on request
SSC Space Go	Swedish Space Corporation (SSC)	Sweden	Frequency: 2020-2120 MHz (S-band uplink), 2200-2300 MHz (S-band downlink), ...	on request
STARGATE	Mbryonics	Ireland	–	on request
STARGATE Optical Ground Station	Mbryonics	Ireland	Data transmission capacity: 1000x larger than traditional methods	on request
Stream Ground Station	SPACE-SI (Slovenian Centre of Excellence for Space Sciences and Technologies)	Slovenia	Frequency: Up to 40 GHz broadband/multiband LEO communications	on request
Suborbital Rocket Telemetry & Communication System	Thorium Space Technology	Poland	Telemetry downlink band: S-band	on request
Synthesized Block Downconverter VSSBD	WORK Microwave	Germany	Bands: S, C, X, Ku, K(DBS), Ka, Q-Band	on request
Tactical Antenna Systems	Kratos Defense & Security Solutions	United States	Aperture range: 2.4 - 4.0 m	on request
Thai Robotic Telescope (TRT) Network	NARIT (National Astronomical Research Institute of Thailand)	Thailand	–	on request
The Array — Commercial Dish Array Network	Cascade Space	United States	Mini configuration: S-band G/T 25.6 dB/K, EIRP 66.9 dBW; X-band G/T 35.4 dB...	on request
Tokenized Ground Station Network	Orbit:Linx	United Kingdom	–	on request
Tracker 6000 X/C Band Tracking Antenna	CM Technology (CMT)	United States	Frequency: X-band / C-band	on request
Transportable Ground Station	Glavkosmos	Russia	Purpose: Designed to work in Ku-band trunks used in the Luch MSRS.	on request
TreeNet & Leaf Line	Leaf Space	Italy	Ground stations: +40	on request
TT&C Modem (Ground Station)	CELESTIA Satellite Test & Simulation	Netherlands	If inputs/outputs: 2 (typically 70 MHz)	on request
TT&C Processor (TTCP)	CELESTIA Satellite Test & Simulation	Netherlands	If inputs: 2 to 5 (56 MHz-1.85 GHz)	on request
TTC-IMBU (Integrated Modem & Baseband Unit)	SSBV Aerospace & Technology	Netherlands	–	on request
Turnkey Satellite Teleport Ground Communications	CM Technology (CMT)	United States	Frequency: 3.5 GHz Tx/Rx	on request
UHF COMM 4G0 Half Duplex Modem	NanoAvionics	Lithuania	Form factor: 1U modem	on request
UniHUB	SpaceBridge Inc.	Canada	Form factor: 3RU (complete satellite hub)	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
V-Series Software Modem	WORK Microwave	Germany	Compliance: DVB-S2/S2X, CCSDS and ECSS standards, DIFI standard	on request
Vast Parabolic Satellite Antenna	Shaanxi NewStar Communications	China	Types: Parabolic dish antennas, ground station equipment	on request
VHF/UHF Ground Station	Groundcom.space	Czech Republic	Tx/Rx: half-duplex	on request
VICTS Gateway Array Antenna	ThinKom Solutions, Inc.	United States	Technology: VICTS	on request
WarpHub InterSat	WARPSPACE Inc.	Japan	Service type: Optical inter-satellite data relay network	on request
X-Band Down-Converter	Azista Space (Azista Aerospace)	India	Frequency band: X-Band	on request
X-Band Multibeam Phased Array Ground Station	Quasar Satellite Technologies	Australia	Frequency band: X-band	on request
Xen-Node	Xenesis	United States	Telescope aperture: 0.5 m diameter (Dall-Kirkham design)	on request
Xuanque Rugged Field Command Terminal	OneSpace Technologies	China	—	on request
Zavitok Satellite Ground Station (M / S-L)	SPUTNIX	Russia	Type: SDR satellite ground station	on request

Products by manufacturer

Alén Space

SPAIN · 2008 · 5 PRODUCTS

Alén Space designs, manufactures, and operates small satellites, providing end-to-end mission development services and advanced communication platforms, subsystems, and components for space and ground



ALÉN SPACE

Alén Space Ground Station Kit (GS-Kit)

The Alén Space Ground Station Kit (GS-Kit) is a cost-effective solution for establishing communication with Low Earth Orbit (LEO) satellites, supporting up to three frequency bands

Availability	16 weeks
Frequency	144-146 MHz (uplink/downlink), 400-402 MHz (uplink/downlink), 430-440 MHz (uplink/downlink)
Accuracy	0.3 deg
Rotational speed	4 deg/sec

[price on request](#) [datasheet](#)



ALÉN SPACE

GS-KIT

The GS-Kit from Alén Space provides all necessary components to establish a ground station for Low Earth Orbit (LEO) satellites, supporting UHF, VHF, and S-band reception.

TRL	9
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[price on request](#) [datasheet](#)



ALÉN SPACE

SDR Rack

The SDR Rack is a rackable dual Software Defined Radio with an integrated Power Amplifier, compatible with GNU Radio for implementing new waveforms and protocols.

Availability	16 weeks
Dimensions	3U of 19" rack
Supply voltage	12 - 13.8 V
Current supply typical	4 A
Current supply maximum (fused)	16 A

[price on request](#) [datasheet](#)



ALÉN SPACE

SDR-RACK S-BAND

The SDR-Rack S-Band is a ground station transceiver designed for various space operation frequency bands, integrating an SDR and frontends for satellite communications.

TRL	9
Uplink	1700 - 2200 MHz
Downlink	700 - 2600 MHz

[price on request](#) [datasheet](#)



ALÉN SPACE

SDR-RACK UHF, VHF AND S-BAND

The SDR-Rack UHF, VHF and S-Band is a ground station transceiver developed for communications with small satellites in the VHF, UHF, and S-Band frequencies.

TRL	9
VHF Frequency	140 - 180 MHz
VHF Maximum transmission power	50 W (47 dBm)
UHF Frequency	400 - 480 MHz
UHF Maximum transmission power	50 W (47 dBm)

[price on request](#) [datasheet](#)

Anteral

SPAIN · 1 PRODUCT

Spanish RF and antenna technology company designing high-performance antenna and passive components for satellite on-board systems, SatCom, and radar applications.



ANTERAL

Scalar Feed Horn Antennas (SFHA)

Corrugated scalar feed horn antennas for satellite feed chains, in linear and dual-polarization variants (SFHA, DLPSFHA, DCPSFHA).

Type	Scalar feed horn antenna
Variants	SFHA (linear), DLPSFHA (dual linear), DCPSFHA (dual circular)
Frequency Range	C-band to THz
Polarization	Linear or circular (dual options)
Cross-Polarization	Low (corrugated design)

[price on request](#)

Antwerp Space

BELGIUM · 1972 · 1 PRODUCT

Belgian satellite communication system integrator providing RF payload equipment, telemetry systems, and ground terminal technology for institutional

and commercial space programs.

ANTWERP SPACE

Ground Segment Equipment for LEO Constellations

Antwerp Space's satellite modems, low-noise amplifiers, and baseband processing equipment for LEO constellation ground station networks.

Products	Satellite modems (S/X/Ka-band), LNAs, baseband processing, VSAT terminals
Applications	LEO constellation gateways, maritime VSAT, military SATCOM, TT&C
Primary market	LEO constellation ground network equipment
Parent	OHB SE (since 2016)
HQ	Antwerp, Belgium

price on request

Apolink

UNITED STATES · 1 PRODUCT

Apolink is a Y Combinator-backed space startup building a LEO data relay constellation for 24/7 real-time satellite connectivity using hybrid RF and optical links.

APOLINK

Satellite Link Monitoring and Spectrum Management

Apolink's satellite link performance monitoring and spectrum management tools — enabling operators to optimize satellite communication link budgets and manage interference.

Platform	Real-time satellite link monitoring + spectrum management
Metrics	C/N, BER, received signal level, rain fade detection
Functions	Link diagnostics, interference identification, ITU coordination filing support
Customers	Teleport operators, satellite operators, ground station network managers
Bands	Ku, Ka, C-band transponders

price on request

Arctic Space Technologies operates one of the most advanced commercial satellite ground stations in the Arctic, providing satellite communications and ground segment services from Luleå in Northern Sweden.



ARCTIC SPACE TECHNOLOGIES
Arctic Space Center

The Arctic Space Center is a commercial satellite ground station located at 65.34°N in Piteå, Northern Sweden, offering ground station services for polar-orbiting LEO satellites.

Location	Piteå, Northern Sweden at 65.34°N
Antennas	Over 30
Satellite coverage	Polar orbiting LEO satellites (up to twelve passes per day), from Mediterranean to North P
Energy source	Sustainable power plants (wind and hydro), with backup generators and UPS systems
Connectivity	Two fully redundant fiber routes, 100 Mbps to 10 Gbps

price on request



ARCTIC SPACE TECHNOLOGIES
SCOUT

SCOUT is a flat-packed, rapidly deployable ground station antenna designed for S- and X-band communication with spacecraft, integrating into the HIVE network for global coverage.

Reflector diameter	2.4m / 3.7m
Bands	S-Band: RX and TX, X-Band: RX
Polarisation	S-Band: LHCP/RHCP Switchable, X-Band: LHCP/RHCP Simultaneously
S-band rx frequency	2025–2120 MHz
S-band tx frequency	2200–2300 MHz

price on request

Equatorial Ground Station as a Service (GSaaS) provider delivering complete equatorial coverage for satellite missions.



ASTRALINTU SPACE TECHNOLOGIES
Equatorial Stargate

High-capacity multi-band teleport at 0° latitude, S/X/Ka-band, Tier-3-aligned, targeted operational Q4 2026.

Location	0°26'19" N, 78°13'37" W, Quito, Ecuador
Frequency bands	S, X, Ka
Operations supported	Downlink, uplink, TT&C
Antenna classes (Q4 2026)	3.7m and 7.3m

ASTRALINTU SPACE TECHNOLOGIES
LatZero Link Network

The LatZero Link Network provides equatorial ground station coverage for satellite missions, aiming to reduce latency and increase data capture for various orbital types.

Antenna diameter	0.65 m
Frequency	Ka-band (20/30 GHz)
Throughput	Up to 200 Mbps
Tracking	Motorised Az/El
Weatherproofing	IP66

price on request

Future antenna expansion	5.4m class; additional 3.7m and 7.3m systems
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price on request

Astroflash

JAPAN · 2019 · 1 PRODUCT

Japanese space entertainment company founded 2019 in Tokyo developing satellites visible from the ground for entertainment and cultural events, with satellite development services.

ASTROFLASH

Astroflash Satellite Ground Services

Japanese satellite ground station and communications services company supporting LEO satellite operators in the Asia-Pacific region.

Services	Ground station and communications support
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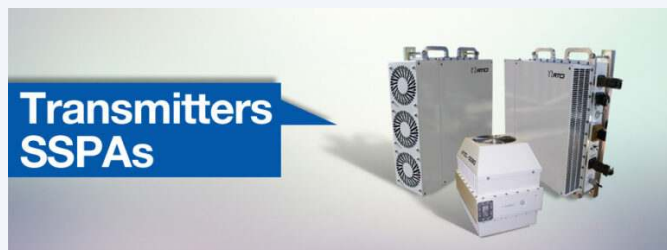
Region	Asia-Pacific
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price on request

ATCI

UNITED STATES · 3 PRODUCTS

ATCI is a Chandler, Arizona-based satellite communications company and the market leader in multibeam antenna technology, best known for its Simulsat product line.



ATCI

ATZC-10-100 C-Band VSAT Transmitter SSPA

The ATCI ATZC-10-100 C-Band VSAT Transmitter series offers a wide range of output power options from 10 to 100 watts, with additional power levels available upon request. Weighing

Frequency band	C-Band
Output power range	10-100 W (custom available)
Mass	26-82 lbs
Input	L-Band
Output	Flange or coax

price on request



ATCI

Simulsat 5B Multibeam Earth Station

The Simulsat 5B is a multibeam earth station antenna capable of simultaneously receiving signals from up to 35 satellites within a 70° view arc, offering equal performance for each

Satellites simultaneously received	Up to 35 (70° view arc) / Up to 37 (75° satellite arc)
Supported bands	C-Band, Ku-Band, C/Ku-Band, Ka-Band, X-Band, S-Band, Inclined Orbit
Antenna type	Fixed, no moving parts
Construction	Commercial Quality Composite
Equivalent performance	Like 35 parabolics / 4.5 M C-Band Prime Focus Parabolic Antennas

price on request

[datasheet](#)



ATCI

Simulsat 7A Multibeam Earth Station

The Simulsat 7A is a multibeam Earth station antenna capable of simultaneously receiving signals from up to 37 satellites across a 75° view arc, supporting various frequency bands

Satellites received simultaneously	Up to 37
View arc	75°
Supported bands	C-Band, Ku-Band, C/Ku-Band, Ka-Band, X-Band, S-Band, Inclined Orbit
Antenna type	Fixed, no moving parts
Construction	Commercial Quality Composite

[price on request](#) [datasheet](#)

Atlas Space Operations

UNITED STATES · 2015 · 1 PRODUCT

US Ground Software as a Service (GSaaS) provider operating a federated global antenna network for satellite telemetry, tracking and command.



ATLAS SPACE OPERATIONS

Federated Ground Network

A federated, network-of-networks antenna infrastructure of 50+ antennas across 30+ ground stations worldwide, accessible through a single integration with the Freedom platform.

Network size	50+ antennas across 30+ ground stations
Country coverage	20+ countries
Frequency bands	S-band, X-band, Ka-band, UHF
Orbit types	LEO, MEO, GEO
Representative antenna hardware	Orbit Communication Systems Gaia-100 (L-band to K-band, radome-enclosed)

[price on request](#) [datasheet](#)

Azimut Space

GERMANY · 2007 · 1 PRODUCT

Azimut Space GmbH is a Berlin-based space engineering SME with 15+ years of experience in thermo-mechanical engineering, developing thermal

AZIMUT SPACE

Navigation and Attitude Pointing Systems

Azimut Space's precision azimuth and elevation pointing systems and navigation equipment for satellite tracking antennas, ground stations, and airborne surveillance platforms.

Products

Az-El antenna positioners, gyro-stabilized platforms, pointing control systems

Pointing accuracy

Arc-minute class (antenna tracking)

Encoder resolution

19–23 bit angular (high-resolution servo systems)

Mobile platforms

Gyro-stabilized systems for vehicles, aircraft, ships

Applications

Satellite ground tracking, remote sensing, airborne surveillance

price on request

Azista Space (Azista Aerospace)

INDIA · 1 PRODUCT

Indian manufacturer of spaceborne systems, payloads, and satellite-enabled ground systems including SATCOM and hydrometeorology sensors.



AZISTA SPACE (AZISTA AEROSPACE)

X-Band Down-Converter

X-Band down-converter for satellite ground station receive chains.

Frequency band

X-Band

Type

Down-Converter (RF to IF)

Application

Satellite ground station receive chain

price on request

BridgeComm, Inc.

UNITED STATES · 2015 · 1 PRODUCT

US developer of free-space optical laser communications systems — optical ground terminals and ground stations for space-to-ground, satellite-to-air, and inter-satellite optical links at speeds up to 1 Tbps.

BRIDGECOMM, INC.

BridgeComm Optical Ground Terminal / Optical Ground Station (OGT/OGS)

BridgeComm's fixed and mobile Optical Ground Terminals (OGT) and Optical Ground Stations (OGS) provide free-space laser communications links to space and airborne lasercom terminal

Communications speed	2.5 Gbps to 1 Tbps
Modem compatibility	Modem Agnostic Systems
Ssa bench design	Hot-Swappable SSA Benches
Bandwidth advantage	More than 10-100X greater bandwidth with less interference
Probability of detection/interception	Lower probability of detection or interception
price on request	

Calian (SatService)

CANADA · 7 PRODUCTS

SatService GmbH, a Calian company, designs and integrates satellite ground stations and earth-station antennas, including GNSS/SATCOM ground segment systems.



CALIAN (SATSERVICE)

13.5m Q/V GEO Earth Station Antenna

Large-aperture 13.5m Q/V-band earth station antenna for high-capacity GEO satellite gateway and teleport operations.

Aperture	13.5 m
Frequency band	Q/V-band
Orbit	GEO
Application	Satellite gateway and teleport ground stations

price on request



CALIAN (SATSERVICE)

4m Satcom Antenna

4m Cassegrain earth station antenna for GEO, LEO and MEO SATCOM gateways, TT&C, and diverse satellite applications.

Reflector diameter	4 m
Antenna type	Dual reflector Cassegrain
Mount	Elevation over azimuth, 2 axis
Main reflector material	Aluminum
Main reflector surface accuracy	< 0.008" RMS

price on request



CALIAN (SATSERVICE)

7m LEO Earth Station Antenna

7m high-slew-rate earth station antenna for tracking LEO and MEO satellite constellations across C, Ka, Ku, S, and X bands.

Reflector diameter	7 m
Antenna type	Dual reflector Cassegrain
Mount	Elevation over azimuth with tilt
Main reflector material	Aluminum
Main reflector surface accuracy	< 0.008" RMS

price on request



CALIAN (SATSERVICE)

7m Satcom Antenna

7m dual-reflector Cassegrain SATCOM antenna for GEO/MEO satellite communications in C, Ka, Ku, S, and X bands.

Reflector diameter	7 m
Antenna type	Dual reflector Cassegrain
Mount	Elevation over azimuth, 2 axis
Main reflector material	Aluminum
Main reflector surface accuracy	< 0.008" RMS

price on request



CALIAN (SATSERVICE)

9.2m LEO Earth Station Antenna

9.2m high-performance earth station antenna optimized for LEO and MEO satellite tracking in Ka, Ku, X, C and S bands.

Reflector diameter	9.2 m
Antenna type	Dual reflector Cassegrain
Mount	Elevation over azimuth with tilt
Main reflector material	Aluminum
Main reflector surface accuracy	< 0.008" RMS

price on request



CALIAN (SATSERVICE)

9.2m Satcom Antenna

9.2m dual-reflector Cassegrain earth station antenna for GEO/MEO SATCOM applications across Ka, Ku, X, C and S bands.

Reflector diameter	9.2 m
Antenna type	Dual reflector Cassegrain
Mount	Elevation over azimuth, 2 axis
Main reflector material	Aluminum
Main reflector surface accuracy	< 0.008" RMS

price on request



CALIAN (SATSERVICE)

Ka/Q/V-Band Gateway Antenna

10m carbon fibre Ka/Q/V-band gateway earth station antenna for high-capacity GEO, LEO, and MEO satellite systems.

Reflector diameter	10 m
Antenna type	Dual reflector
Main reflector material	Carbon fibre composite
Sub reflector material	Carbon fibre composite
Frequency bands	Ka, Q-V

price on request

Capricorn Space

AUSTRALIA · 1 PRODUCT

Australian-owned ground segment service provider offering satellite ground station infrastructure in remote Western Australia.



CAPRICORN SPACE

Ground Station Hosting and Teleport Services

Ground segment hosting services from a 35-hectare Western Australia teleport site — Retail, Hybrid, and Landlord tiers with 10Gbps fiber upgradeable to 100Gbps.

Site size	35 hectares (86 acres)
Location	~300-350 km from Perth, Western Australia
Fiber connectivity	10 Gbps, upgradeable to 100 Gbps
Operational since	October 2019 (first antennas)
Service tiers	Retail, Hybrid, Landlord

price on request

Cascade Space builds and operates communication systems and infrastructure for deep space commercial missions, utilizing array technology.



CASCADE SPACE

The Array — Commercial Dish Array Network

First commercial dish array built for modern space missions — digital beamforming combines multiple smaller dishes into a single dynamically-sized aperture.

Mini configuration	S-band G/T 25.6 dB/K, EIRP 66.9 dBW; X-band G/T 35.4 dB/K, EIRP 76.9 dBW
Lunar configuration	S-band G/T 28.6 dB/K, EIRP 72.9 dBW; X-band G/T 38.4 dB/K, EIRP 82.9 dBW
Deep configuration	S-band G/T 37.7 dB/K, EIRP 91 dBW; X-band G/T 47.5 dB/K, EIRP 101 dBW
Deep+ configuration	S-band G/T 42.6 dB/K, EIRP 101 dBW; X-band G/T 52.4 dB/K, EIRP 111 dBW
Scaling roadmap	1 dish to 200 dishes across multiple global locations

price on request

CELESTIA Satellite Test & Simulation

Celestia Satellite Test & Simulation provides ground-based solutions for satellite simulation, testing, communication, and data processing, including EGSE, TT&C, and Optical Modems.



CELESTIA SATELLITE TEST & SIMULATION
TT&C Modem (Ground Station)

Integrated modem and baseband unit providing Telemetry, Tracking, and Command services for operational ground stations — frequency-sweeping uplink acquisition.

If inputs/outputs	2 (typically 70 MHz)
Carrier schemes	Suppressed/remnant carrier
Ranging standards	ESA Ranging standards



CELESTIA SATELLITE TEST & SIMULATION
TT&C Processor (TTCP)

Advanced Telemetry Tracking and Command Processor for deep space communications — delta-DOR tracking, deployed at all ESA Deep Space Network ground stations.

If inputs	2 to 5 (56 MHz-1.85 GHz)
If outputs	2 (typically 230 MHz)
Signal processing unit	19" 9U

price on request

Switch matrix unit 19" 2U

Data processing unit 19" 3U

price on request

CM Technology (CMT)

UNITED STATES · 2 PRODUCTS

CM Technology Inc (CMT) provides turnkey satellite teleport ground communication solutions, including LEO tracking systems, antenna installation, maintenance, and access to a global network of over 40



CM TECHNOLOGY (CMT)

Tracker 6000 X/C Band Tracking Antenna

X/C-band LEO satellite tracking antenna system deployed across CMT's global teleport network.

Frequency	X-band / C-band
Application	LEO satellite tracking, teleport gateway operations
Network	40+ CMT teleport locations worldwide
Support	SeaTel factory-certified tracking antenna technicians on site

price on request



CM TECHNOLOGY (CMT)

Turnkey Satellite Teleport Ground Communications

CM Technology Inc (CMT) offers turnkey satellite teleport ground communications solutions, providing access to a global network of over 40 teleport locations for high-performance,

Frequency	3.5 GHz Tx/Rx
Buc	4 per polarization
Amplifier	Up to dual 500 W Ka TWTA
Azimuth	Unlimited
Ifbs	16 (fiber based)

price on request

[datasheet](#)

Comsat Systems

INDIA · 1982 · 1 PRODUCT

Comsat Systems designs and manufactures advanced satellite communication antenna systems and associated subsystems for teleport, VSAT, mobility, and defense applications.



COMSAT SYSTEMS

Comsat Systems Satellite Communication Antenna Systems

Comsat Systems manufactures a range of high-performance satellite communication antenna systems and associated subsystems for C, Extended C, Ku, and Ka bands, serving various appli

Antenna diameter range	1.0 m to 13.5 m
Frequency bands supported	C, Extended C, Ku, Ka bands
Configurations supported	Prime focus, Offset

Antenna types	Fixed, Static, Non-penetrating, Transportable, Mobile (including Mobile VSATs for SNG and
In-house testing capability	Up to 40 GHz
price on request	

CONTEC

SOUTH KOREA · 1 PRODUCT

CONTEC provides an all-in-one solution for satellite data reception, processing, and analysis, supporting space missions through its global ground station network.



CONTEC

CONTEC Ground Station Automation Software

South Korean company providing ground station automation software and satellite operations solutions for small satellite constellations.

Product	Ground station automation software
Applications	Satellite constellation operations
price on request	

Cosmoworks

SOUTH KOREA · 1 PRODUCT

Cosmoworks is a South Korean company manufacturing satellite platforms, building 3U-class CubeSats with Earth observation telescope payloads for imaging missions.

COSMOWORKS

CubeSat Mission Operations Software

Cosmoworks' cloud-based CubeSat and nanosatellite mission operations software platform — providing TT&C, telemetry processing, scheduling, and constellation management tools.

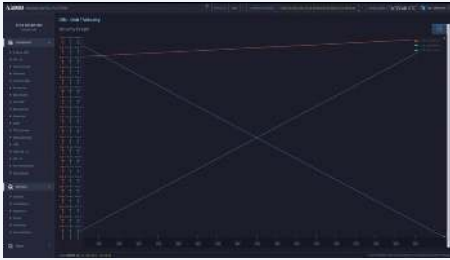
Platform type	Cloud-based SaaS mission operations software
Functions	TT&C, telemetry processing, pass scheduling, anomaly detection, constellation ops
Ground station integration	AWS Ground Station, Leaf Space, Infostellar and others
Target users	CubeSat and smallsat operators (commercial, university)
Model	Software-as-a-service (SaaS) – no bespoke development required

price on request

D-Orbit

ITALY · 2011 · 1 PRODUCT

In-space transportation & logistics — ION Satellite Carrier (OTV); last-mile delivery, hosted payloads.



D-ORBIT

Aurora — Cloud Mission Control Software

Aurora is D-Orbit's cloud-based Mission Control Software (MCS). A single web interface drives operations for individual satellites or full constellations: telemetry processing

Type	Cloud-based Mission Control Software
Visualization	2D / 3D orbit + TLE propagation
Protocols	CSP (CubeSat Space Protocol)
Security	AES-256 + 2FA
Ground network	Leaf Space, AWS Ground Station

price on request

Data Patterns (India) Ltd.

INDIA · 1998 · 2 PRODUCTS

Vertically integrated Indian defence and aerospace electronics company designing and manufacturing avionics, microelectronics, RF/microwave, radar, test equipment and space systems.



DATA PATTERNS (INDIA) LTD. Console

Data Patterns designs and manufactures system-level consoles for various applications, including naval, land-based missile launch, satellite ground stations, and radar operations.

price on request



DATA PATTERNS (INDIA) LTD. Ground Station

The Ground Station is an open-frame architecture designed to support space segment operations and relay mission data to users, featuring independent uplink and downlink communication

Product type Ground Station System

price on request

DecenSpace

UNITED STATES · 2025 · 1 PRODUCT

Ground station marketplace for satellite operators, providing a unified API to a global network of independently operated antennas for TT&C, payload downlink, and mission operations.

DECENSPACE

Decentralized Satellite Data Marketplace

DecenSpace's decentralized space data marketplace — using blockchain infrastructure to enable peer-to-peer trading of satellite imagery, telemetry, and space sensor data.

Technology

Blockchain marketplace, smart contracts, tokenized space data assets

Assets traded

Satellite imagery, ground station capacity, spectrum access, sensor data

Benefits

Disintermediation, automated royalties, provenance verification, ESG attestation

Market

NewSpace data economy – fragmented supply-side needs efficient distribution

Model

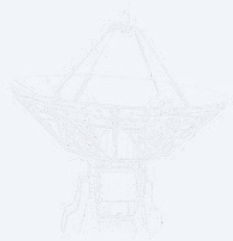
Web3 / decentralized peer-to-peer marketplace

price on request

Dhruva Space

INDIA · 2012 · 1 PRODUCT

Dhruva Space is an Indian space technology company founded in 2012, providing satellites, Earth stations, and launch services as integrated or individual solutions.



DHRUVA SPACE

Ground Stations

Dhruva Space offers advanced Ground Station solutions for satellite operators and ground station providers, available as standalone products or as a service through a global network.

Antenna range

3 meter X/Y Rotator (Mesh), 4.5 meter Az/El Rotator-ABS (Mesh), 3.8 meter X/Y Mount, 4.5 m

S-band frequency range

Rx: 2200 - 2290 MHz, Tx: 2025 - 2120 MHz

X-band frequency range

Rx: 7900 - 8500 MHz

Polarisation

RHCP & LHCP

Antenna mount

X/Y Mount

price on request

China's leading commercial satellite TT&C and ground segment services provider, operating a global network of 60+ ground stations across Asia, Europe, Africa, South America, and the Pacific.



EMPOSAT CO., LTD.
EMPOSAT 1.8m Portable Ground Station

The EMPOSAT 1.8m Portable Ground Station is a modular and miniaturized system designed for satellite/rocket TT&C, data reception, and high-speed data injection, supporting mult

Frequency bands (standard)	S/X
Frequency bands (optional)	C/Ka
X-band data rate	100 Mbps
Antenna aperture	1.8
Deployment time	<30

price on request



EMPOSAT CO., LTD.
Integrated TT&C and Data Transmission Ground System

A family of integrated telemetry, tracking, command (TT&C) and data-transmission ground stations — from mobile/portable units to 4.5m, 8m and 12m fixed antenna systems — for sa

12m station – uplink frequency	7145 MHz–7250 MHz, step 1 kHz
12m station – telemetry frequency	8.025 GHz–8.4 GHz, step 1 kHz
12m station – data transmission frequency	7.75 GHz–9.0 GHz, step 1 kHz
12m station – antenna diameter	12m
12m station – main reflector surface accuracy (RMS)	≤0.5 mm

price on request

Emxys is a Spanish space electronics company specialising in advanced onboard computers, power systems, optical transceivers, and complete nanosatellite platforms for data-intensive space missions.



EMXYS
EMXYS Ground Station

The EMXYS Ground Station is a 19-inch rack-mounted terrestrial radio station for satellite communications, featuring an embedded computer, SDR, and optional rotor for satellite tra

Sdr over ethernet	Yes
Enclosure	19 inch standard
Satellite tracking	Yes
Software included for telemetry and telecommand	Open source COSMOS
Software included for satellite tracking and rotor control	Open source Gpredict

[price on request](#) [datasheet](#)

ETL Systems

UNITED KINGDOM · 3 PRODUCTS

ETL Systems manufactures RF signal processing equipment for satellite communications, including RF distribution and Digital IF systems. They also provide end-to-end services such as system design, link optimisation, and network management.



ETL SYSTEMS

GENUS DIGITAL Module – RF over IP

ETL's revolutionary digitisation module, the GENUS DIGITAL 1000, provides RF over IP transport within satellite gateways or ground stations, offering modularity and scalability.

Frequency Range	850-2450 MHz
Channels	Up to 8 channels of 500 MHz
ADC	12-bit
DAC	16 Bit
SFDR	60 dBc

[price on request](#) [datasheet](#)



ETL SYSTEMS

HUR-10

The HURRICANE 64x64 distributive matrix offers an 850-2450MHz extended L-band range and is ultra-configurable.

Model	HURRICANE 64x64 distributive matrix
Frequency Range	850-2450 MHz extended L-band
Type	Matrices
Band	L-band
Application	Downlink

[price on request](#) [datasheet](#)



ETL SYSTEMS

HWK-G1S-15-F44

The HAWK 4x4 FIFO matrix module offers a 500-3150MHz extended L-band range with unity gain, designed for critical communications in government and defence applications.

Routing	FIFO (fan-in fan-out)
Frequency	500 to 2850 MHz
Switching Time	< 50 ms
Power Consumption	<5 W
Gain (Typ., mean across band)	0±1 dB

[price on request](#) [datasheet](#)

French SATCOM equipment distributor and integrator; ground station hardware across L to Q band; founded 2003 in Les Ulis.



EUROSATCOM

Antenna Controller (8200 / 9000 Monopulse)

Antenna control units for satellite tracking ground stations — 8200 model and 9000 Monopulse tracking controller, custom systems available.

Models8200, 9000 Monopulse

price on request



EUROSATCOM

BUC/SSPA Amplifiers (C/X/Ku/Ka Band)

High power outdoor solid-state amplifiers across C, X, Ku, and Ka bands — 400W Ka-Band SSPA at 27.5-30GHz for military and civil applications.

KA band sspa power400 W
KA band sspa frequency27.5-30 GHz
Psat56 dBm
Plin53 dBm
KA band buc power range20 W-100W

price on request



EUROSATCOM

Frequency Converters (Block Up/Down Converters)

Indoor and outdoor block/frequency converters spanning S, C, X, Ku, DBS, Ka, and Q bands for ground station signal chains.

Band coverage (Indoor Single band)C, X, Ku, Ka Band
Band coverage (Indoor Q band)Q-Band
Band coverage (Indoor Multi-band)Ku, Ka Band
Band coverage (Indoor 2 Channels)S, C, X, Ku, DBS, Ka

price on request



EUROSATCOM

LNB/LNA Low Noise Amplifiers

Low noise block downconverters and amplifiers for C, Ku, and Ka band satellite receive chains — noise figures as low as 0.22dB.

C band lnb frequency3.4-4.2 GHz
C band best noise figure0.22 dB (5000R Series)
KU band lnb frequency10.7-12.75 GHz
KU band best noise figure0.85 dB (1000DH Series)
KA band lnb frequency17.7-22.2 GHz

price on request



EUROSATCOM

SATCOM/VSAT Antenna Terminals

Motorized and manual VSAT/flyaway satellite terminals in X, Ku, and Ka bands — 60cm to 130cm, European-made, field-proven, modem-agnostic.

Sizes	60 cm, 80 cm, 100 cm, 130 cm
Frequency bands	X, Ku, Ka
Positioning	Motorized (autopointing) or manual
Modem compatibility	Agnostic
Flat panel variant (Phoenix, Ku band)	30x40x14 cm

price on request

findgs

1 PRODUCT

Global satellite ground station directory platform connecting satellite operators with 650+ ground station providers worldwide on a flexible pay-per-use model.

FINDGS

findgs Ground Station Discovery Platform

US platform (find-gs) helping satellite operators discover, compare, and book ground station capacity across multiple providers.

Type	Ground station marketplace/discovery platform
Country	USA

price on request

Fossa Systems

SPAIN · 1 PRODUCT

Fossa Systems is a Spanish satellite IoT company operating a nanosatellite constellation, ground stations, and IoT gateway devices to deliver low-cost global connectivity for remote asset monitoring across energy, logistics, agriculture, and



FOSSA SYSTEMS

FOSSA Ground Station

The FOSSA Ground Station provides a comprehensive end-to-end solution for Low Earth Orbit (LEO) satellite operations, offering versatile support for multiple frequency bands and re

Frequency

UHF, S-band and other
frecuency ranges

price on request

GAUSS Srl

ITALY · 2012 · 1 PRODUCT

Italian company specializing in complete lifecycle management of CubeSats and NanoSatellites: design, manufacturing, subsystems, ground stations and deployers.



GAUSS SRL

GAUSS Mini Ground Dongle

USB low-power UHF transceiver/TNC dongle for safely simulating a ground station under laboratory conditions.

Output power

Up to 15 dBm

Frequency band

UHF for TT&C

Interface

USB, with drivers for
Windows, Linux and MAC

Protocol

AX.25 supported

Fec

Viterbi k4 (Viterbi k7 &
Reed-Solomon on request)

price on request

datasheet

GDP Space Systems

UNITED STATES · 1 PRODUCT

GDP Space Systems designs and manufactures telemetry receivers, satellite modems, and range management systems for aerospace and flight test applications.



GDP SPACE SYSTEMS

Model 2265EC Multi-Channel PCM Bit Synchronizer / Encapsulator

High-performance multi-channel PCM bit synchronizer with data encapsulation for use with GDP diversity combiner / best source selector products.

Channels

Up to 4 per 2U chassis

Bit error/jitter performance	Better than 1 dB from theory down to -3 dB Eb/No
Minimum input signal level	100 mVpp
Data rate	10 bps to 40+ Mbps
Waveform support	QPSK, OQPSK, SQPSK merging
price on request	

General Atomics Synopta GmbH

SWITZERLAND · 2004 · 1 PRODUCT

Swiss opto-electronics company (part of General Atomics since 2021) developing laser-communication beam-pointing systems, optical ground stations, and free-space/fiber optical communication components.



GENERAL ATOMICS SYNOPTA GMBH

Optical Ground Stations

Stationary and transportable adaptive optical ground stations for laser communication with satellites in GEO/MEO/LEO or deep space.

S-aogs telescope size	> Ø 0.5 m
T-aogs telescope size	Ø 0.25 m to Ø 1 m
Data rate with GEO satellite	> 2 Gbit/s (uplink and downlink)
Feeder link to GEO satellite	> 20 Gbit/s uplink, > 10 Gbit/s downlink, scalable up to Tbit/s
Supported wavelengths	e.g. 1064 nm, 1550 nm

price on request

General Dynamics Mission Systems

UNITED STATES · 1954 · 1 PRODUCT

General Dynamics Mission Systems is a defense electronics manufacturer and integrator providing mission-critical solutions for land, sea, air, space, and cyber domains.



GENERAL DYNAMICS MISSION SYSTEMS

General Dynamics Satellite Ground Terminal — 7.3-Metre Earth Station Antenna

General Dynamics Mission Systems (GDMS) is a US defense and technology company providing advanced mission-critical solutions including satellite communications terminals, ground sy

price on request

GEOVIS / Zhongke Xingtu

CHINA · 2006 · 1 PRODUCT

GEOVIS / Zhongke Xingtu provides aerospace information services, including software, data, technology development, and system integration for smart earth, commercial aerospace, and low-altitude economy



GEOVIS / ZHONGKE XINGTU

Ground Station Network

The Ground Station Network consists of a Tianlu application platform (multiple high-performance sites) and an intelligent measurement, control, and operation center, providing all-

Supported frequency bands S/X/Ka

Data rate (receive) 2 Gbps

price on request

Gilat Satellite Networks

ISRAEL · 1987 · 1 PRODUCT

Israeli VSAT and satellite networking company; 1.5M+ terminals in 100+ countries for broadband, cellular backhaul, and government connectivity.



GILAT SATELLITE NETWORKS

SkyEdge II-c VSAT Platform — Satellite Broadband Terminal for Rural Connectivity

Gilat Satellite Networks is an Israeli VSAT (Very Small Aperture Terminal) equipment manufacturer and broadband satellite network operator, providing affordable satellite internet

price on request

Glavkosmos coordinates international human spaceflight projects, facilitates satellite launches, develops and supplies rocket components, and provides equipment for space crews.



GLAVKOSMOS

Antenna System 4,1 meters Ka

A 4.1-meter Ka-band antenna system designed for receiving signals from geostationary orbit (GSO) satellites, featuring a Cassegrain design with electromechanical drives and remote

Purpose	Designed to receive signals in the Ka- band from satellites located on the GSO.
Year of release	2016
Design life	15 years
Lead time	9 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Antenna System 7.2 m

A two-mirror receiving and transmitting antenna system with a 7.2 m reflector, designed for C-band satellite communications earth stations.

Purpose	Designed for use in satellite communications earth stations for operation in the C-band.
Year of release	2016
Design life	15 years
Lead time	12 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Antenna System 7.2 m C/Ku

A 7.2-meter Cassegrain antenna system designed for satellite communications earth stations, capable of receiving spacecraft signals in C and Ku bands.

Purpose	It is intended for use as part of satellite communications earth stations for receiving sp
Year of release	2016
Design life	10 years
Lead time	12 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Antenna System 7.2 m L/S/X

A 7.2-meter Cassegrain antenna system designed for satellite communications earth stations, capable of receiving spacecraft signals in L, S, and X-bands with remote polarization sw

Purpose	Designed for use as part of satellite communications earth stations for receiving spacecra
Year of release	2016
Design life	10 years
Lead time	12 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Antenna-feeder System 9.3 m

The Antenna-feeder System 9.3 m is a Cassegrain-type transceiver two-mirror antenna system designed for satellite communications earth stations operating in the C-band.

Purpose	Designed for use in satellite communications earth stations for operation in the C-band.
Year of release	2015
Design life	15 years
Lead time	12 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Data Receiving and Satellites Controlling Station

A ground station for two-way communication with small spacecraft, featuring software-defined radio technology and a rotating high-gain antenna.

Year of release	2018
Design life	1 years
Lead time	3 months
Flight qualification of the product	No
Possibility to adapt the product to customer requirements	No

price on request



GLAVKOSMOS

Ground Antenna System 11 / 4-2.5

The Ground Antenna System 11 / 4-2.5 is a dual-band Cassegrain mirror antenna designed for satellite earth stations to receive signals in the C- or Ku-bands.

Purpose	Designed to operate as part of satellite earth stations to receive signals in the C- or Ku
Year of release	2011
Design life	15 years
Lead time	9 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Ground Antenna System 2

The Ground Antenna System 2 is a transmitting two-mirror Cassegrain antenna system designed for X-band satellite communications earth stations, featuring a 2.5m reflector and elect

Purpose	Designed to work as part of satellite communications earth stations for transmitting X-ban
Year of release	2011
Design life	15 years
Lead time	9 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Ground Antenna System L/S/C/X/Ku/Ka -bands AFS-12

The AFS-12 is a 12.0m Cassegrain ground antenna system designed for satellite communications earth stations, capable of receiving signals across L, S, C, X, Ku, and Ka frequency bands.

Year of release	2017
Design life	15 years
Lead time	18 months
Possibility to adapt the product to customer requirements	Yes
Reflector diameter	12.0 m

price on request



GLAVKOSMOS

Ground Antenna System NAS 11-14-2.4

The Ground Antenna System NAS 11-14-2.4 is a Ku-band satellite communication antenna system with a 2.4m reflector, designed for earth stations.

Purpose	Designed for use as part of earth stations in satellite communications Ku-band.
Year of release	2006
Design life	15 years
Lead time	9 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Ground Antenna System TAS 4 / 6-6.0 m

The Ground Antenna System TAS 4 / 6-6.0 m is a C-band transceiver two-mirror antenna system with a 6.0 m reflector, designed for satellite communications earth stations.

Purpose	Designed for use in satellite communications earth stations for operation in the C-band.
Year of release	2015
Design life	15 years
Lead time	12 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Ground Antenna System TAS 4/6-11/14-6.0 m

The Ground Antenna System TAS 4/6-11/14-6.0 m is a Cassegrain-type transceiver two-mirror antenna system designed for satellite communications in C- and Ku-bands.

Year of release	2015
Design life	15 years
Lead time	12 months
Possibility to adapt the product to customer requirements	Yes
Reflector diameter	6.0 m

price on request



GLAVKOSMOS

Ground Antenna System US 11 / 14-3.7

The Ground Antenna System US 11 / 14-3.7 is a dual-band Cassegrain mirror antenna system designed for satellite earth stations to receive C- and Ku-band signals.

Purpose	Designed to operate as part of satellite earth stations to receive signals in the C- or Ku
Year of release	2011
Design life	15 years
Lead time	9 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Ground Station

The Ground Station is a ground control station designed for controlling spacecraft and conducting communication sessions, released in 2018 with a guaranteed service life of 1 year.

Purpose	Used to control spacecraft and perform communication sessions.
Year of release	2018
Design life	1 year
Lead time	6 months
Flight qualification of the product	Yes

price on request



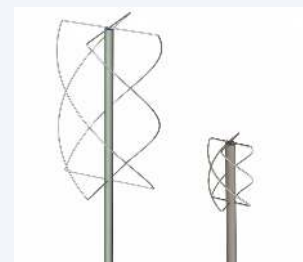
GLAVKOSMOS

Mobile Ground Satellite Communication Station ZSSS-L

The ZSSS-L is a mobile ground satellite communication station designed for Ku-band communication through the Luch MSRS spacecraft, featuring a 2.4m collapsible antenna system.

Purpose	Designed to work in Ku-band trunks used in the Luch MSRS.
Year of release	2014
Design life	10 years
Lead time	12 months
Possibility to adapt the product to customer requirements	Yes

price on request



GLAVKOSMOS

Satellite Data Receiving Training Station

A training complex for receiving radiosignals from spacecraft, based on software-defined radio technology and including two fixed antennas.

Purpose	Radiosignals receiving for analysis and use in project activity.
Year of release	2014
Design life	1 years
Lead time	1 months
Flight qualification of the product	Net

price on request



GLAVKOSMOS

Transportable Ground Station

A transportable Ku-band ground station designed for use with the Luch MSRS, featuring a 7.0m collapsible reflector and a thermal container with guidance and channel-forming equipment

Purpose	Designed to work in Ku-band trunks used in the Luch MSRS.
Year of release	2012
Design life	10 years
Lead time	18 months
Possibility to adapt the product to customer requirements	Yes

price on request

gmv

SPAIN · 1984 · 1 PRODUCT

GMV provides solutions, services, and products across multiple sectors, including space, aeronautics, and defense, with a focus on high-tech and adapted client solutions.



GMV

Magnet

Magnet is GMV's complete and expandable ground control and monitoring system, providing comprehensive solutions for ground station needs.

price on request [datasheet](#)

GomSpace is a Danish CubeSat manufacturer producing satellite platforms, subsystems, and end-to-end mission solutions. Products include the NanoCom radio modules, NanoPower EPS, and complete 1U–12U satellite platforms. GomSpace has one of t



GOMSPACE

NanoCom GS100

The NanoCom GS100 is a dual-radio ground station solution designed to communicate with your satellite, featuring dual GomSpace NanoCom AX100 Radio modules for polarization diversit

Internal Power Amp	25 W
Power Supply	12 V DC

[price on request](#) [datasheet](#)



GOMSPACE

NanoCom GS2000

The NanoCom GS2000 is an S-band ground station radio designed to increase data rates between nanosatellites and ground stations.

Form Factor	2U 19" rack-cabinet
Power Supply	External 28 V
Internal Power Amp	25 W
Supply voltage	26 V
Operating temperature	0 35 °C

[price on request](#) [datasheet](#)

Goonhilly Earth Station

Goonhilly Earth Station provides satellite, lunar, and deep space communication services, operating a private deep space network and offering various satellite communication solutions.



GOONHILLY EARTH STATION

Deep Space Ground Station Network Services

Goonhilly Earth Station's deep space capable ground station antennas in Cornwall, UK — providing TT&C, deep space communication, and space domain awareness services for lunar a

Location	Goonhilly, Cornwall, UK (historic satellite comms site)
Antenna	GHY-6 (Merlin) – upgraded for deep space (lunar and beyond)
Services	Deep space TT&C, lunar mission support, SDA observations
Niche	Commercial deep space alternative to DSN (avoids NASA booking bottlenecks)



GOONHILLY EARTH STATION

Goonhilly Earth Station Antenna Network (GES)

Goonhilly's historic and modern parabolic dish antenna network in Cornwall, UK, providing deep-space, GEO, MEO, and LEO satellite communications and tracking services from one of t

Location	Goonhilly Downs, Cornwall, United Kingdom
Site opened	1962
Antenna aperture range	~15 to 32 meters
Flagship deep-space antenna	GHY-6, 32-metre dish
Historic milestone	First relay of transatlantic television via Telstar satellite (1962)

[price on request](#)

Missions supported

ESA SolarOrbiter, CIRCE,
commercial lunar landers

price on request

Groundcom.space

CZECH REPUBLIC · 4 PRODUCTS

Groundcom develops and operates next-generation ground stations for satellite communications. They offer a shared global network and secure, on-premise networks for missions.



GROUND.COM . SPACE

Dual S/X-band Ground Station System

The Groundcom Dual S/X-band Ground Station System is a precision-engineered, field-proven, and mission-ready solution for simultaneous TT&C and high-rate data downlinks, design

Rx	7900-8400 MHz
Tx	2025-2120 MHz
EIRP	49 dBW
G/T	24.5 dB/K
Dish diameter	3 m

price on request



GROUND.COM . SPACE

Mobile Station Centre

The Mobile Station Centre is an autonomous, remotely controlled ground station designed for rapid deployment and total autonomy, supporting various frequency configurations for sat

Data rate	300+ Mbps
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price on request



GROUND.COM . SPACE

S-band Ground Station System

Experience the standard in industrial-grade S-Band Ground Stations, offering fully integrated, turnkey solutions designed for total autonomy and simplified deployment.

Rx	2200-2300 MHz
Tx	2025-2120 MHz
Dish diameter	3m
EIRP	49 dBW
G/T	11 dB/K

price on request



GROUND.COM . SPACE

VHF/UHF Ground Station

This ground station solution offers a fully autonomous, software-defined gateway with VHF/UHF configurations, automatic TLE-based tracking, and specialized polarization switching f

Tx/Rx	half-duplex
VHF frequency band	137-138, 143-150 MHz
UHF frequency band	430-450 MHz
UHF frequency band (2)	395-405 MHz
Antenna gains VHF	13 dBic

price on request

Korean aerospace tech company providing satellite ground station systems and satellite image analysis services.



HANCOM INSPACE
Image all-in-one service

InSpace Co., Ltd. provides an 'Image all-in-one service' for the aerospace industry, covering video data collection, management, analysis, and sales.

Form factor	6U CubeSat (200x100x300 mm)
Mass	10.8 kg
Orbit altitude	500 km
Swath	20 km
Resolution (GSD)	5 m

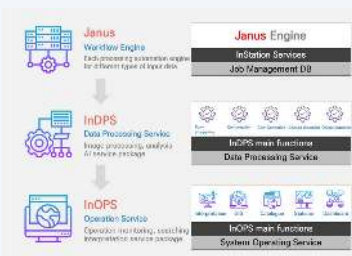
[price on request](#) [datasheet](#)



HANCOM INSPACE
InSpace Satellite Ground Station System and Satellite Image Analysis Service

InSpace offers satellite ground station systems and satellite image analysis services, including a 3D satellite information display platform and space environment analysis.

[price on request](#)



HANCOM INSPACE
InStation Platform

The InStation Platform is a high-quality ground station platform that provides real-time data processing, GEOINT algorithms, image analysis, statistics, and a dashboard operating e

[price on request](#) [datasheet](#)

Infostellar

Infostellar operates StellarStation, a cloud-based Ground-Segment-as-a-Service (GSaaS) platform that virtualizes a worldwide network of satellite ground stations for LEO operators.

INFOSTELLAR
Ground Segment Technical & Hosting Services

Turnkey ground segment implementation, antenna hosting and site infrastructure-as-a-service for satellite operators, delivered by Infostellar's in-house engineering team.

Service type	Turnkey technical implementation + antenna hosting (IaaS)
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INFOSTELLAR
Ground Station Network Service

Access to Infostellar's global 'network of networks' of independently owned ground stations, aggregated via the StellarStation platform to support any LEO mission size.

Service model	Ground station network aggregation ("network of networks")
Frequency bands	S-band, X-band, Ka-band

Scope	Site acquisition, antenna installation, civil/electrical engineering, maintenance
Example hosted customer	Viasat Real-Time Earth – 7.3 m Ka-band antenna at Taiki, Hokkaido
price on request	

Coverage	Global network of partner and owned ground stations, including Taiki, Hokkaido (Japan)
Target orbit	LEO – supports missions from single satellites to large constellations
price on request	

Intuitive Machines
UNITED STATES · 2013 · 1 PRODUCT

US lunar lander company that became the first private company to land on the Moon (IM-1 Nova-C, Feb 2024), under NASA's CLPS lunar delivery program.

INTUITIVE MACHINES
Lunar Ground Segment

Lanteris/Intuitive Machines operates a global network of ground stations providing continuous line-of-sight communications with the Moon. Long-term agreements with strategically lo

price on request

IQ Spacecom
1999 · 2 PRODUCTS

IQ Spacecom designs and manufactures high-performance radio communication solutions, including SDR transceivers, antennas, and space switches, for small satellites and ground equipment.



IQ SPACECOM
Ground Equipment

IQ Spacecom offers a range of ground equipment, including a ground modem from WORK Microwave and an in-house developed Ground Converter Unit (GCU), to ensure seamless communication

Frequency	950...2150 MHz
Symbol rate	10 ksps ... 75 Msps
Data rate	360 Mbps or 80000 pps
Operating temperature	0°C...50°C
Supply voltage	100...240 V AC

price on request

datasheet



IQ SPACECOM
S-Band Receiver for HISPICO (Ground Station)

A dedicated S-band ground station receiver that receives, down-converts, demodulates and decodes downlink data from the HISPICO satellite transmitter.

Price	€7,800
Availability	4 months
Polarization	LHCP
Output interface	Ethernet (UDP packets)

€7 800

ITS Electronics designs and manufactures RF and microwave components and wireless solutions for various applications including land mobile, airborne, marine, communications, aerospace/EW, and defense.



ITS ELECTRONICS
Dual-Band V-Band Block Upconverter (UC-47A251A4DU-1023)

Dual-band V-band block upconverter for satellite earth stations — converts L-band (1000-3100MHz) to 47.2-51.4GHz V-band output, ISO 9001/AS9100D certified.

L-band input	1000-3100 MHz (x2)
Input return loss	>=14 dB
V-band output	47.20-49.30 GHz & 49.30-51.40 GHz
Output return loss (WR-22)	>=16 dB
P1db	>=+10 dBm

price on request

Kacific Broadband Satellites

Kacific Broadband Satellites provides high-quality, low-cost satellite broadband services to businesses, governments, and operators in South East Asia and the Pacific.



KACIFIC BROADBAND SATELLITES
Kacific CommsBox

Compact solar-powered VSAT terminal for remote last-mile broadband — 2.4 Mbps download, 0.7 Mbps upload, auto-pointing 60 cm dish, built-in Wi-Fi router, powers 100+ users, rugged

Download speed	Up to 6 Mbps (burst), 2.4 Mbps standard
Upload speed	Up to 0.7 Mbps
Antenna	60 cm auto-pointing flat-panel dish
Satellite	Kacific1 Ka-band GEO
Wi-fi	Built-in, 100+ simultaneous users



KACIFIC BROADBAND SATELLITES
Kacific CommsBox Ultra

Next-generation Ka-band VSAT terminal — 5x faster than CommsBox, up to 30 Mbps download, 10 Mbps upload, 75 cm dish, Wi-Fi 6, LTE backup, enterprise SLA options.

Download speed	Up to 30 Mbps
Upload speed	Up to 10 Mbps
Antenna	75 cm motorized auto-pointing dish
Satellite	Kacific1 Ka-band GEO
Wi-fi	Wi-Fi 6 (802.11ax)

price on request

price on request

Kongsberg Defence & Aerospace — Space Division

NORWAY · 1814 · 1 PRODUCT

Kongsberg Defence & Aerospace — Space Division delivers technologies for the space value chain, including launch services, small satellite production, and satellite data management.

KONGSBERG DEFENCE & AEROSPACE – SPACE DIVISION

Satellite Ground Systems

Integrated satellite ground systems and TT&C equipment — antennas, ground software, AIS/VDES receivers, and operations support for LEO earth observation and maritime surveillance

Systems	TT&C, mission operations, data processing, AIS/VDES
Frequency bands	S-band, X-band, VHF
Antenna types	Parabolic, phased array, helical
Customers	Norwegian Space Agency, ESA, commercial operators
Flight heritage	NorSat-1/2/3, AISSat-1/2, Copernicus ground segment

price on request

Kratos Defense & Security Solutions

UNITED STATES · 1994 · 2 PRODUCTS

American defense technology company specializing in unmanned systems, satellite communications, and space domain awareness.



KRATOS DEFENSE & SECURITY SOLUTIONS

Kratos KPBESA40M.C2 4.0 Meter Earth Station Antenna

A 4.0 meter low-cost Earth Station Antenna with high gain and exceptional pattern characteristics, designed for television broadcast and telecommunications networks.

Optics type	Dual Reflector Gregorian
Reflector material	Precision-Formed Aluminum
Reflector segments	6
Mount type	El over Az, Optional Manual or Motorized Mount
Antenna pointing range, coarse (Elevation)	0-90° (90°) (NOMINAL)

price on request



KRATOS DEFENSE & SECURITY SOLUTIONS

Tactical Antenna Systems

Kratos' Tactical Antenna Systems are state-of-the-art earth station satcom antennas ranging from 2.4m to 4.0m, designed for mission-critical applications.

Aperture range	2.4 - 4.0 m
Models	2.4m/2.5m Nomadic Earth Station Antenna; 4.0m Nomadic Carbon Fiber Earth Station Antenna;
Feed configuration	Customer-selectable transmit/receive feed assemblies
Application	Tactical / field-deployable satcom terminals
Mass	220 kg (480 lb)

price on request

[datasheet](#)

World-leading satellite ground station operator with 26 antenna sites including Svalbard, providing TT&C, data downlink, and relay services for LEO, MEO, and GEO satellites worldwide.



KSAT (KONGSBERG SATELLITE SERVICES)

Global Ground Station Network

KSAT's world-leading commercial ground station network with 26 antenna sites including polar stations in Svalbard and Antarctica — supporting 200+ spacecraft daily.

Ground station sites	26 sites globally
Antennas	200+
Key sites	Svalbard (Arctic) and Antarctica (polar coverage for SS0)
Daily spacecraft served	200+
Frequency bands	X, S, Ka-band downlink; S/X uplink; optical laser ground stations

price on request



KSAT (KONGSBERG SATELLITE SERVICES)

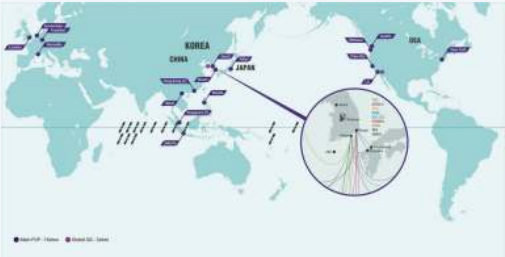
KSATlite

KSATlite is KSAT's fully automated Ground Segment-as-a-Service offering, delivering global, API-driven satellite communications for small satellites and mega-constellations.

Ground stations (KSATlite)	26 globally distributed stations
Antennas (KSATlite)	135 antennas, 3.7m to 6.1m diameter
Frequency bands	S-band (up/down), X-band (down), Ka-band (down)
Monthly contacts	~145,000 passes processed per month
Reliability	Historical performance above 99.75% globally

price on request

KT SAT is South Korea's sole satellite communication operator, operating a fleet of five geostationary KOREASAT satellites covering over 60% of the world's population with transponder leasing, broadband, broadcast, maritime, and Earth obser



KT SAT

Kumsan Teleport Services

Third-party teleport access via KT SAT's Kumsan Satellite Service Center — one of Asia's largest teleports with 50+ years of operation and 40+ antennas.

price on request

Italian Ground Segment as a Service (GSaaS) provider operating 40+ ground stations across 19 global locations, supporting 140+ satellites with



LEAF SPACE
Leaf Hosting — Ground Station Co-Location

Infrastructure co-location service — host your own ground station hardware at Leaf Space sites worldwide with access to secured land, power, connectivity, and local maintenance sup

Service type	Infrastructure co-location (your hardware at Leaf Space sites)
Infrastructure	Secured land, power, internet connectivity
Maintenance	First-level maintenance by local Leaf Space workforce (LRU swaps)
Available locations	Any Leaf Space site – 19 global locations
Regulatory	Sites compliant with local telecommunications regulations

price on request



LEAF SPACE
Leaf Key — Dedicated Ground Station

Dedicated single-tenant ground station antenna deployed at Leaf Space sites or your own facility — 100% or shared-time exclusive use, S/X-band (higher on request), managed via unif

Access model	100% dedicated or part-time dedicated (shared)
Frequency bands	S-band, X-band (higher bands on request)
Deployment	Leaf Space sites or customer's own facility
Network	35+ active antennas, 19 global locations
Control interface	Unified Leaf Space API

price on request



LEAF SPACE

Leaf Line — Ground Segment as a Service

Subscription-based satellite ground station network service — 40+ stations across 19 global locations, 140+ satellites supported, 24,000+ monthly passes, simple onboarding, unified

Ground station network	40+ stations across 19 global locations
Satellites supported	140+
Monthly passes	24,000+
Service model	Subscription-based (GSaaS)
Interface	Unified software interface for scheduling and monitoring

price on request



LEAF SPACE

TreeNet & Leaf Line

TreeNet is an "always-on" connectivity solution that creates a continuous communication layer by linking satellites and ground infrastructure into a federated mesh network. Leaf Li

Ground stations	+40
Average gap between two consecutive contacts (SSO mission at 55 km altitude, Q4 2025)	around 15 minutes
Average gap between two consecutive contacts (mid-inclination missions, Q4 2025)	around 13 minutes
Supported protocols/communication schemes	Integrated protocols and radios from main new space industry manufacturers, CCSDS, DVB-S2,
Support hours	12h continuous support every day (6:00 UTC - 18:00 UTC or 7:00 UTC - 19:00 UTC)

price on request

LeoLabs

UNITED STATES · 2016 · 1 PRODUCT

LeoLabs provides persistent orbital intelligence through a global radar network, real-time data catalog, and AI-powered analytics for space domain awareness and traffic management.



LEOLABS

Space Object Radar Tracking Network

LeoLabs' global network of phased-array radars tracking 250,000+ space objects down to 2 cm size — providing conjunction analysis and collision avoidance data to satellite operator

Minimum trackable object	2 cm (LEO)
Objects tracked	250,000+ (commercial catalog)
Radar sites	Alaska, New Zealand, Costa Rica, Azores, Australia, Kenya
Technology	Phased-array radars (purpose-built for LEO tracking)

Services

Conjunction analysis, CDM
generation, maneuver planning

price on request

Libre Space Foundation

GREECE · 2015 · 1 PRODUCT

Libre Space Foundation is a non-profit open-source foundation developing open hardware and software for space, including the SatNOGS global satellite ground station network, CubeSat missions, and interoperable space infrastructure.



LIBRE SPACE FOUNDATION SatNOGS

SatNOGS is an open-source project providing a global network of satellite ground stations and a machine-readable crowdsourced satellite information database.

price on request

Lorett

RUSSIA · 2013 · 1 PRODUCT

Lorett develops equipment and technologies for real-time Earth remote sensing satellite data reception and provides educational programs in space technologies.



LORETT LORETT EO Ground Station

Turn-key ground station for receiving Earth-observation satellite data — multi-band (X / L / S) terminals for meteorological and remote-sensing missions.

price on request

Dutch specialist providing reliability testing, failure analysis, and space qualification engineering services for electronic components used in space missions and high-reliability applications.



MASER ENGINEERING

MASER Engineering Satellite Ground Equipment

Dutch engineering company producing satellite ground station equipment and RF systems for satellite communication networks.

Products	Ground station equipment, RF systems
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Country Netherlands

price on request

Mbryonics

Ireland's largest photonics company, building end-to-end optical communication systems for space connectivity.



MBRYONICS

STARGATE

STARGATE is an Optical Ground Station that provides a 1000x larger data transmission pipeline for space-to-earth communication compared to traditional methods, offering universal c

price on request



MBRYONICS

STARGATE Optical Ground Station

Optical Ground Station providing the space-to-Earth last-mile laser link — 1000x larger data transmission capacity than traditional methods, universal satellite network compatibility

Data transmission capacity	1000x larger than traditional methods
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Technology basis Space BACN

Compatibility	Universal – any satellite network
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Key feature State-of-the-art adaptive optics for atmospheric compensation

price on request

MinoSpace

Chinese commercial satellite manufacturer building Earth observation, communications, and remote sensing satellites, plus payloads, components, and

ground terminal systems.



MINOSPACE
0.6 m Portable Monitoring Antenna

A 0.6 m portable ground antenna system for receiving downlink signals and automatically tracking non-geostationary orbit (NGSO) satellites.

Aperture	0.6 m
Turntable	High-speed, controlled by host computer software
Tracking mode	Automatic acquisition and tracking of satellite targets
Supported targets	Domestic and international NGSO satellite systems

price on request



MINOSPACE
1.0m X-band portable station

A 1.0m X-band portable ground station for rapid deployment, enabling telemetry, tracking, and command (TT&C) operations with LEO and MEO satellites.

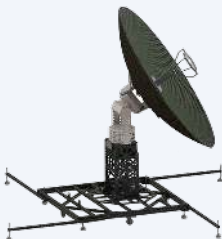
price on request



MINOSPACE
1.5m Ka-band portable TT&C and data transmission station

A portable 1.5m Ka-band ground station for telemetry, tracking, and command (TT&C) and data transmission with medium- and low-Earth orbit satellites.

price on request



MINOSPACE
1.8m Ka/Ku Dual-Band Portable Monitoring Antenna

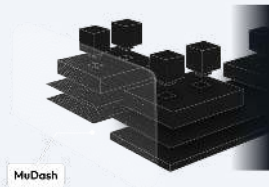
A 1.8m portable Ka/Ku dual-band antenna system for TT&C and data transmission with medium and low-Earth orbit satellites, featuring automatic satellite tracking via TLE and GPS

price on request

Muon Space

UNITED STATES · 2021 · 1 PRODUCT

Muon Space is the Mission Foundry, designing, building, and operating high-performance satellite constellations for defense, civil, and commercial customers.



MUON SPACE
MuDash

Cloud-based command, control and communication (C3) platform for mission tasking, scheduling, and monitoring.

Function	Cloud-based Command, Control & Communication (C3) platform
Capabilities	Mission timeline visualization; ground station and space segment scheduling; command and t
Command safety	Constraint checking of command sequences prior to upload
Customer access	API / portal for customer operations tasking and software upload
price on request	

Mynaric

GERMANY · 2009 · 1 PRODUCT

Mynaric manufactures optical communication terminals for air, space, and mobile applications, enabling high-speed, secure, and license-free laser communication networks.



MYNARIC	
HAWK Optical Ground Station	
Optical feeder link ground station for LEO/MEO/GEO satellite constellations — 200 Gbps aggregate throughput per site, adaptive optics, compatible with CONDOR Mk3 and TETRA space te	
Aggregate throughput	200 Gbps per site
Communication type	Free-space optical (FSO)
Availability	High (site diversity + adaptive optics)
Compatible terminals	CONDOR Mk3, TETRA
Applications	Feeder links for LEO/MEO/GEO constellations
price on request	

NanoAvionics

LITHUANIA · 2014 · 1 PRODUCT

Pre-integrated nanosatellite buses (3U–16U+ MP42), green chemical propulsion, mission integration.



NANOAVIONICS

UHF COMM 4G0 Half Duplex Modem

1U half-duplex UHF ground modem for CubeSat/SmallSat operations, compatible with NanoAvionics COMM SAT2RF1-1D transceivers at 401–403 MHz or 430–440 MHz.

Form factor	1U modem
Operating mode	Half duplex
Frequency bands	401–403 MHz (commercial) or 430–440 MHz (amateur)
Rx filter	Narrowband SAW filters for each band
Receive sensitivity (2400 bps GFSK2)	-122 dBm

price on request

NARIT (National Astronomical Research Institute of Thailand)

THAILAND · 2009 · 2 PRODUCTS

Thailand's national public organization for astronomical research, operating the country's largest optical and radio telescopes and leading regional astronomy technology development.

NARIT (NATIONAL ASTRONOMICAL RESEARCH INSTITUTE OF THAILAND)

40-metre Thai National Radio Telescope (TNRT)

Southeast Asia's largest single-dish radio telescope, operating 300 MHz-115 GHz at the Thai National Radio Astronomy Observatory.

price on request



NARIT (NATIONAL ASTRONOMICAL RESEARCH INSTITUTE OF THAILAND)

Thai Robotic Telescope (TRT) Network

Network of remotely operated robotic telescopes at international sites for time-domain astronomy.

price on request

Needronix

POLAND · 2017 · 1 PRODUCT

Polish smallsat hardware company designing and manufacturing components and subsystems for CubeSats and small satellites, serving commercial and institutional space customers across Europe.

NEEDRONIX

Ground Station Services

CubeSat ground station services — UHF/VHF/S-band contact scheduling, telemetry archiving, on-demand pass booking, and mission operations center (MOC) support for satellite operator

Frequency bands	UHF, VHF, S-band
Services	Contact scheduling, telemetry archiving, MOC support
Data access	Cloud dashboard, standard format files
Booking	On-demand pass booking

price on request

ISRO's primary commercial arm; manages PSLV/SSLV production, provides international launch services, and facilitates Indian private space industry growth.



NEWSPACE INDIA LIMITED (NSIL)
Ground Infrastructure for Space Based Needs

NSIL offers turnkey end-to-end solutions for designing, engineering, procurement, installation, commissioning, operationalization, hosting, and maintenance of satellite earth stati

price on request [datasheet](#)

ONDO Space

Mongolian nanosatellite startup operating ONDOSAT-OWL CubeSats and offering IoT livestock tracking, ground station services, and rideshare launch coordination for LEO missions.

ONDO SPACE
Ground Station as a Service

Commercial UHF/VHF ground station access for nanosatellite operators needing contact passes in the Central Asia / Mongolia region.

Location	Ulaanbaatar, Mongolia
Frequencies	UHF (430–440 MHz), VHF (144–146 MHz)
Services	Contact pass scheduling, command uplink, telemetry downlink, data relay
Coverage arc	Central Asia, Eastern Asia LEO passes

price on request

OneSpace Technologies

Chinese private launch-vehicle developer building the OS-X suborbital and OS-M orbital solid-fuel rocket families, and China's first privately funded company authorized to develop and manufacture launch vehicles.



ONESPACE TECHNOLOGIES

Xuanque Rugged Field Command Terminal

Ruggedized portable command-and-data terminal used to support launch and field test operations.

price on request

OrbAstro

2017 · 1 PRODUCT

OrbAstro (Orbital Astronautics Ltd.) is a UK and New Zealand-based small satellite platform manufacturer founded in 2017 by Ash Dove-Jay and Vinoth Gurusamy, two of the founding employees of Oxford Space Systems. The company designs and bui



ORBASTRO

Our Infrastructure

OrbAstro offers a comprehensive space infrastructure including a 20,000sqft satellite factory, a global S-band & Ka-band ground station network, a petaFLOPS-scale data centre,

price on request

Orbit Communication Systems

ISRAEL · 1 PRODUCT

Orbit Communication Systems is a global leader in airborne, maritime, land, and ground-station communications, satellite-tracking, and new space connectivity solutions for commercial and government customers.



ORBIT COMMUNICATION SYSTEMS

Gaia™ Earth Observation Ground Stations (100, 200, 300, 400 Series)

The Gaia™ series offers a range of compact, cost-effective, and high-performance terrestrial ground stations for reliable connectivity with LEO/MEO Earth Observation and constellat

Gaia™ 100 features	No “key hole”, for continuous tracking
Gaia™ 100 features (2)	Real 3-axis system – EL, Tilt and AZ – for greater availability and reliability
Gaia™ 100 features (3)	Heavy duty by design for multi mission operation
Gaia™ 100 features (4)	Cloud connectivity ready
Gaia™ 100 features (5)	Built-in, step-track-based Advanced Control Loop, for

superior performance

price on request [datasheet](#)

Orbit:Linx

UNITED KINGDOM · 2018 · 1 PRODUCT

Decentralized ledger technology (DLT) platform for scheduling, tokenizing and trading ground-station and satellite communications capacity.

ORBIT:LINX

Tokenized Ground Station Network

Decentralized network of public and private ground stations with tokenized, tradeable antenna capacity.

price on request

Orbital Systems

RUSSIA · 2009 · 2 PRODUCTS

Russian NewSpace company providing full lifecycle development and production of CubeSat small satellites, deployment systems, and ground control stations.



ORBITAL SYSTEMS

Ground Station Complex

Turnkey ground station complex for CubeSat command, telemetry, and mission data reception, deployed at 7 university sites.

Deployed stations 7

Locations St. Petersburg, Kazan, Ryazan, Samara (×2), Astana (KZ), Karaganda (KZ)

Capability Command uplink, telemetry and mission data downlink

Services Installation, commissioning, operator training

price on request



ORBITAL SYSTEMS

Ground Stations

Ground stations include a complex for receiving, processing and storing data, ensuring the transmission of commands to spacecraft and the reception of target information from space

price on request

US defense and technology prime contractor providing space systems engineering, missile defense integration, space domain awareness, and ground system development for US government programs.



PARSONS SPACE

Ace CtrlPoint™

Ace CtrlPoint™ is an integrated, turnkey telemetry, tracking, and command (TT&C) satellite control software solution that automates common tasks to reduce workloads and streaml

price on request

datasheet

South African Earth observation company operating a dedicated satellite antenna hosting site near Pretoria.



PINKMATTER SOLUTIONS

Antenna Hosting

Turnkey Earth observation antenna hosting service at Pinkmatter's site near Pretoria, South Africa.

Location	25°51'30"S, 28°27'10"E - Boschkop, Pretoria, South Africa, ~40 minutes from Johannesburg (
Altitude	1,350 m
Horizon mask	8 degrees or better at most site locations
Climate	Moderate temperatures, low wind, zero snowfall
RF environment	Low RF interference (low-density surrounding area)

price on request

QEYSSat is a Canadian Space Agency microsatellite mission to demonstrate quantum key distribution (QKD) from space, built by Honeywell (formerly COM DEV Canada) under a \$30 million contract.



QEYSSAT (QUANTUM ENCRYPTION AND SCIENCE SATELLITE)

Optical Quantum Ground Station (OQGS)

Primary quantum ground station for the QEYSSat mission, built by Honeywell and commissioned at CSA headquarters in Saint-Hubert, Quebec, providing the optical uplink for quantum ke

Type	Optical Quantum Ground Station (OQGS)
Link direction	Uplink (ground to satellite)
Photon source technologies	Weak coherent pulse (WCP), entangled photon source (EPS)
Optical band	Free-space optical (laser link)
Apt system	Acquisition, Pointing, and Tracking for satellite tracking

price on request

Quasar Satellite Technologies

AUSTRALIA • 2021 • 2 PRODUCTS

Quasar Satellite Technologies is an Australian company providing next-generation software-defined ground infrastructure for satellite communications and space domain awareness, based on proprietary multibeam phased array technology develop

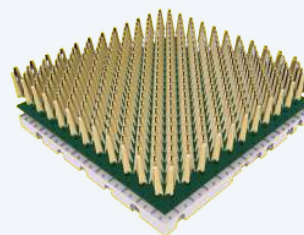


QUASAR SATELLITE TECHNOLOGIES

S-Band Multibeam Phased Array Ground Station

Quasar's first commercial ground station product: a compact, cryogenically cooled S-band phased array antenna capable of simultaneously communicating with multiple LEO satellites w

Frequency band	S-band
Beam count	Up to 100 simultaneous independent beams
Scanning	Full hemisphere, electronically steered (no mechanical movement)
Cooling	Cryogenically cooled (world's first for commercial SATCOM)
Architecture	Pure digital, true multibeam phased array



QUASAR SATELLITE TECHNOLOGIES

X-Band Multibeam Phased Array Ground Station

Quasar's second-generation ground station product: a modular, tiled X-band phased array supporting LEO satellite communications and space domain awareness with multiple simultaneou

Frequency band	X-band
Architecture	Modular tiled phased array, scalable
Beams per tile	2+ simultaneous steerable beams
Scanning	Full hemisphere, electronically steered
Design	Low SWaP-C (size, weight, power, cost)

price on request

price on request

Qwaltec

UNITED STATES · 2001 · 1 PRODUCT

American space operations company providing mission control software, ground system engineering, and spacecraft operator training for government and commercial satellite programs.

QWALTEC

OrbitCmd®

MOC-In-A-Box satellite command and control platform delivered as a virtual machine with 75% pre-configuration out of the box.

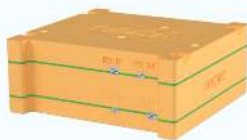
Delivery format	Virtual machine (VM)
Pre-configuration	75% out of the box
Architecture	Pluggable, open-source foundation
Key features	Commanding, telemetry processing, data visualization, scripting automation, time-series da
Target users	Small satellite operators, startups, university missions

price on request

ReliaSat

UNITED KINGDOM · 2020 · 1 PRODUCT

ReliaSat is a UK manufacturer of Ka-band RF and mm-wave systems, transceivers, phased array antennas, and MMICs for satellite, aerospace, defence, and 5G markets.



RELIASAT

K/Ka-Band Uplink Transceiver UDC300

The UDC300 is a fully integrated standalone K/Ka-band uplink transceiver with up to 2.5 GHz instantaneous bandwidth, supporting ground segment and airborne applications with an on-

Rx frequency (downlink)	17-21 GHz
Tx frequency (uplink)	27-30 GHz
Tx if frequency	1-4 GHz
Rx if frequency	1-5 GHz
Tx output power	>20 dBm

price on request

[datasheet](#)

Remos Space Systems AB

SWEDEN · 2 PRODUCTS

Remos Space Systems AB provides software-defined ground systems and modems for satellite operations. Their systems replace legacy hardware, making

space operations faster and more accessible.



REMOS SPACE SYSTEMS AB

Capacity Building

Remos' Capacity Building package provides a complete operational ecosystem for emerging space nations, universities, and research institutions, bringing together ground communication

price on request



REMOS SPACE SYSTEMS AB

Expedite

Expedite is a software-defined TT&C modem that replaces rigid ground hardware with a reconfigurable software modem, adapting dynamically to missions from CubeSats to deep-space

System Role	Software Modem for Telemetry, Telecommand, scheduling, and automation
Supported Frequency Range	70 MHz to 2.5 GHz
Mission Bands	VHF, UHF, S-Band, low-rate X-Band
Operating Mode	Continuous and burst
TM/TC Symbol Rate	100 sps to 1 Msps standard; up to 25 Msps optional extension

price on request [datasheet](#)

SAIC Space

UNITED STATES · 1 PRODUCT

SAIC is a mission integrator that provides technology and innovation solutions, including secure multi-cloud, AI-driven tools, and data-driven interoperability, to federal and defense agencies.

SAIC SPACE

Ground Systems Integration Services

End-to-end ground system architecture, integration, and operations support for US government and commercial satellite programs.

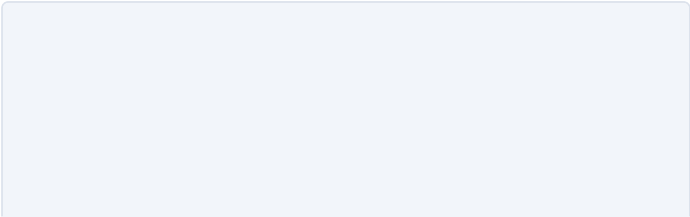
Service type	Ground system integration and operations
Customers	US government, commercial operators
Flight heritage	NR0, NOAA, NASA programs

price on request

Satrev (SatRevolution)

POLAND · 2016 · 1 PRODUCT

Polish nanosatellite manufacturer and Earth observation company recognized by ESA as a 'Space Tech Rising Star', building CubeSat platforms, subsystems, ground stations, and hosted-payload missions.





SATREV (SATREVOLUTION)
SGRS-12P Ground Station

Fully autonomous all-weather ground station operating in UHF and S-band for LEO satellite tracking, TT&C, and DVB-S2 data downlink.

Bands	UHF (redundant TT&C), S-band (data downlink)
Enclosure	All-weather protective dome
Downlink protocol	Reduced-bandwidth DVB-S2 on S-band
Orbit compatibility	LEO satellite tracking
Operation mode	Fully autonomous

[price on request](#) [datasheet](#)

Shaanxi NewStar Communications

CHINA · 2008 · 1 PRODUCT

Shaanxi NewStar Communications designs and manufactures satellite communication antennas and provides related network solutions and services.



SHAANXI NEWSTAR COMMUNICATIONS
Vast Parabolic Satellite Antenna

High-performance parabolic dish antennas for satellite communications ground stations, manufactured by Shaanxi NewStar in China.

Types	Parabolic dish antennas, ground station equipment
Bands	Ka, Ku, C, X
Applications	Earth station, satellite communications

[price on request](#)

SkyFox Labs s.r.o.

CZECH REPUBLIC · 2014 · 1 PRODUCT

Czech manufacturer (Prague) of Space-Friendly CubeSat and PocketQube subsystems: GNSS/AIS/ADS-B antennas, BusCORE radio terminals, ADCS sensors, and dosimeters, in continuous orbital operation since 2017.



SKYFOX LABS S.R.O.

BusCORE Groundstation

50 W UHF amateur-band groundstation terminal matching BusCORE satellite radios, with variable bitrate modem, RF monitor port and 3U 19-inch rack chassis.

Type	State-of-the-art Hardware Accelerated Satellite Communication System
Frequency band	UHF 435.000-438.000 MHz (Amateur Radio Band)
Modulation / bitrate	2GFSK, 1200-38400 bps variable
RF output power	50 W SSPA @ 50 Ohms
Rx sensitivity	-120 dBm @ 1200 bps 5% PER; -106 dBm @ 38400 bps 5% PER

\$9 790

Skynopy

FRANCE · 2023 · 2 PRODUCTS

Skynopy provides an end-to-end ground station-as-a-service platform, giving satellite operators simple, high-throughput access to a global hybrid network of timeshared and proprietary ground stations for LEO satellite communications.



SKYNOPY

Skynopy Ground Station Service

An end-to-end hybrid ground station network service that connects satellites to the cloud with improved data volume, latency, and revisit time.

Funding	15M€
Ground sites in operation	18
Satellites operated	10+
Data rate improvement	x2 for your mission
Data volume/price improvement	Divide by 2 the price per data or x2 your data volume for the same price

price on request datasheet



SKYNOPY

Skynopy Ground Station Services

Skynopy offers end-to-end ground station services, combining a timeshared antenna system with proprietary ground stations and virtualized modem technology to simplify satellite ope

Funding	15M€
Ground sites in operation	18
Satellites operated	10+
Data rate improvement	x2

price on request datasheet

Slovenian space R&D centre building small Earth-observation satellites, ground stations and satellite test facilities.



SPACE-SI (SLOVENIAN CENTRE OF EXCELLENCE FOR SPACE SCIENCES AND TECHNOLOGIES)

Stream Ground Station

Stream is SPACE-SI's next-generation LEO tracking ground control station in Ljubljana, Slovenia, for broadband and multiband satellite communications.

Frequency

Up to 40 GHz
broadband/multiband LEO
communications

Interface

Transportable LEO tracking
ground station

price on request

SpaceBridge Inc. designs and manufactures VSAT hubs, terminals, modems and RF equipment for satellite communication networks serving broadband, cellular backhaul, IoT, broadcast and defense applications.



SPACEBRIDGE INC.

ESTELLA HUB

SpaceBridge's open-standards DVB-RCS2 multi-service satellite hub platform for TDM/TDMA networks.

Standard

DVB-RCS2 (open standard,
published by ETSI)

Network type

TDM/TDMA

Switching

WaveSwitch (seamless
switching)

Platform type

Multi-Service HUB Solution

RX Burst Demod Capacity

128 MHz

price on request

datasheet



SPACEBRIDGE INC.

UniHUB

UniHUB is a complete satellite hub in only 3RU, built with the tagline 'Maximum Capability, Minimal Footprint.' It integrates modem, gateway, scheduling, modulation, an

Form factor

3RU (complete satellite hub)

Integrated functions

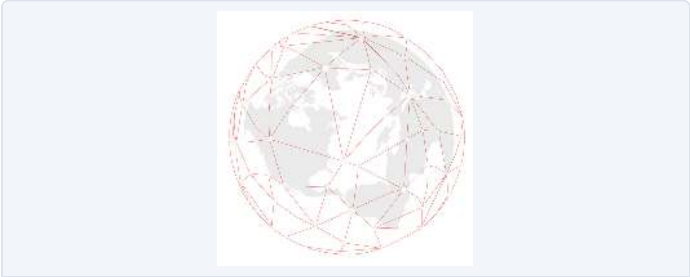
Modem, gateway, scheduling,
modulation, control

Portability

Transportable in a ruggedized
suitcase

price on request

Space Comm provides Ground Station as a Service (GSaaS) for small satellite missions in Low Earth Orbit, offering ground segment infrastructure, TT&C, and mission control software.



SPACECOMM

Ground Station as a Service

Spacecomm Ground Station as a Service is a scalable, fully managed ground station solution for small satellite missions in Low Earth Orbit. The service allows satellite operators t

Supported bands

VHF, UHF, S-band

Polarizations

All (RHCP, LHCP, horizontal, vertical)

Tracking precision

0.1 degrees

Amplification

Low Noise Preamplifiers at each band

Transceiver type

SDR uplink and downlink

price on request



SPACECOMM

Ground Station as a Service (GSaaS)

Space Comm Cloud offers Ground Station as a Service (GSaaS) for small satellite missions in Low Earth Orbit, providing communication and data downlink capabilities from its central

Service type

Cloud-based satellite operations platform

Features

TT&C, telemetry processing, data management

Deployment

SaaS / cloud-based

price on request

Spaceit provides Mission Control Software as a Service (MCSAAS), a platform for streamlined satellite operations. They also offer a marketplace for ground station services, connecting satellite missions and ground stations.



SPACEIT

Platform as a Marketplace for Ground Station Services

Spaceit provides a marketplace where ground station operators can connect directly with satellite missions worldwide, transforming idle time into profit.

price on request

SPUTNIX is a Russian manufacturer of nanosatellite and microsatellite platforms, onboard subsystems and ground infrastructure, operating as a subsidiary brand of Sitronics Group.



SPUTNIX
Zavitok Satellite Ground Station (M / S-L)

Satellite reception and control ground station for mission control centers and education. Receives telemetry from small spacecraft in LEO and uplinks commands. The "Zavitok-M" (SXL

Type	SDR satellite ground station
Survey antennas	2 × quadrifilar (VHF/UHF receive)
Directional antennas	2 × helical stack (UHF RX/TX)
Rx frequencies	136–146 MHz, 430–440 MHz
Tx frequencies	430–440 MHz (400–402 MHz)

price on request

SSBV Aerospace & Technology

SSBV Aerospace & Technology Group was a Dutch-led, technology-driven group of companies providing space and defence hardware, including smallsat subsystems, ground station equipment, and precision airdrop systems.



SSBV AEROSPACE & TECHNOLOGY
ERSDEM-2.5 High-Rate Modem

Compact high-rate demodulator for satellite ground station receive chains.

price on request



SSBV AEROSPACE & TECHNOLOGY
TTC-IMBU (Integrated Modem & Baseband Unit)

Integrated telemetry, tracking and command modem and baseband unit for satellite ground stations.

price on request

SSC Space provides ground station services, designs rocket and balloon systems, offers engineering and launch services, and conducts rocket engine testing.



SWEDISH SPACE CORPORATION (SSC)
LEOP Services

SSC provides comprehensive Launch and Early Orbit Phase (LEOP) services, ensuring critical support for satellites from launch to their intended operational orbit.

Frequency	S-Band, X-Band, C-Band, Ku-Band, Ka-Band
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price on request



SWEDISH SPACE CORPORATION (SSC)
Lunar Services

SSC Space offers a full range of lunar sub-services, including mission control, flight dynamics, tracking, and LEOP, utilizing a global network of large aperture antennas.

Data rates	5 kbps to 80 Mbps
Frequency bands	S, X, and Ka band
Antenna network	Global network of large aperture antennas
Availability	Highest possible availability in a multi-mission concept
Redundancy and diversity	High level for optimal service performance

price on request



SWEDISH SPACE CORPORATION (SSC)
Optical Ground Station (OGS)

The Optical Ground Station (OGS) provides high-speed optical communication links for satellites, offering multi-Gbps to Tbps data rates.

Data rate	up to 10 Gbps
Frequency	1.5 μm band
Interface	CCSDS 03 K
Interface (2)	SDA OCT
Aperture	80 cm

price on request [datasheet](#)



SWEDISH SPACE CORPORATION (SSC)
Satellite Ground Stations Network

SSC Space provides a global network of satellite ground stations offering communication services for satellites in various orbits, including LEO, MEO, GEO, lunar, and deep space en

Antenna size (Esrange Space Center)	3-13 m
Receive RF bands (Down) (Esrange Space Center)	S, X, Ka
Transmit RF bands (up) (Esrange Space Center)	S
Antenna size (Inuvik)	7-13 m
Receive RF bands (Down) (Inuvik)	S, X, Ka

price on request [datasheet](#)



SWEDISH SPACE CORPORATION (SSC)

SSC Space Go

SSC Space Go is a global ground station network providing seamless and cost-effective access to satellite data for spacecraft in Low Earth Orbit (LEO). It offers streamlined and sc

Frequency	2020-2120 MHz (S-band uplink), 2200-2300 MHz (S-band downlink), 7900-8400 MHz (X-band down
S-band uplink (TX) Frequency	2020-2120 MHz
S-band uplink (TX) Polarization	Selectable (LHCP/RHCP)
S-band uplink (TX) EIRP	50 dBW
S-band downlink (RX) Frequency	2200-2300 MHz

price on request [datasheet](#)

ThinkKom Solutions, Inc.

UNITED STATES · 2000 · 1 PRODUCT

Developer of patented VICTS (Variable Inclination Continuous Transverse Stub) phased array antennas for commercial aviation in-flight connectivity, military SATCOM, ground terminals, and space payloads.



THINKKOM SOLUTIONS, INC.

VICTS Gateway Array Antenna

High-power VICTS gateway array antenna for LEO and MEO satellite constellation ground stations, delivering high EIRP for feeder link uplink applications.

Technology	VICTS
Applications	LEO/MEO ground station feeder link
Frequency bands	Ka-band and V-band
Tracking	Simultaneous multi-satellite, rapid handover
Installation	Fixed-site outdoor

price on request

Polish manufacturer of active electronically steered (AESA) flat-panel phased array antennas and Ka-band satcom terminals, beamforming chipsets and communication payloads for LEO/MEO/GEO satellites.



THORIUM SPACE TECHNOLOGY
Suborbital Rocket Telemetry & Communication System

Complete bidirectional S/UHF/L-band telemetry and communication system for suborbital rockets, including conformal wraparound antennas, SDR transceivers, mobile tracking ground sta

Telemetry downlink band	S - band
Telecommand uplink band	UHF
GPS receive band	L - band
Wraparound antenna s-band TRL	V
Wraparound antenna l-band TRL	V

price on request

Tsd-space

Italian space imaging and avionics company in Pozzuoli; cameras, focal plane arrays, image compression, OBCs, C&DH systems, power management, and ground segment equipment.



TSD - SPACE
EGSE and SCOE Ground Test Equipment

Family of Electrical Ground Support Equipment and Special Check-Out Equipment supporting numerous ESA and ASI missions.

Programs supported	PRISMA, SENTINEL-3, ISS EML, SAR-LUPE, ARGO, FOTON, VIRTIS/Rosetta/Venus Express, USV, TEX
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price on request



TSD - SPACE
EGSE and SCOE, Command & Telemetry Ground Units, TSD I/F Bridge

TSD offers a suite of ground segment products including Electrical Ground Support Equipment (EGSE) and Special Check-Out Equipment (SCOE), Command & Telemetry Ground Units, and

Egse and scoe flight heritage	Payload of PRISMA Hyper-Spectral Earth Observation Satellite; SCOE for SENTINEL-3 Program
Command & telemetry ground units architecture	PC-based Architecture with Windows OS
Command & telemetry ground units hardware	FPGA-based PCI Board for H/W coding/decoding algorithms execution

Command & telemetry ground units hmi	User-friendly and Intuitive HMI
Command & telemetry ground units configuration	Wide Range of configuration parameters and status
price on request	



TSD - SPACE Ground Segment Products (EGSE, SCOE, Command & Telemetry Ground Units, TSD I/F Bridge) TSD offers a suite of ground segment products including Electrical Ground Support Equipment (EGSE), Special Check-Out Equipment (SCOE), Command & Telemetry Ground Units, and th	
Egse for the payload of	PRISMA Hyper-Spectral Earth Observation Satellite
Scoes for	SENTINEL-3 Program (OLCI Camera SCOE, OLCI Instrument SCOE and MIL-STD-1553B SCOE)
Egse for the	ISS EML Digital Video System
Scoe for acs i/f and hk boards of	SAR-LUPE Satellite Management Unit
Scoe for acs i/f and hk boards of (2)	ARGO Satellite Management Unit
price on request	

TTI Norte

SPAIN · 1996 · 2 PRODUCTS

Spanish satellite ground systems company founded 1996 in Santander (now Celestia TTI, part of Celestia Technologies Group); makes SSPAs, LNAs, phased array/flat-panel antennas and RF passive components for satellite ground stations.



TTI NORTE Antenna Polarisers High-performance waveguide polarisers for transmission and reception in Ku-band ground station antenna feed systems, with custom bands available.	
Transmission polariser	Ku - band
Reception polariser	Ku - band
price on request	



TTI NORTE Orthomode Transducers (OMTs) Waveguide orthomode transducers separating dual-polarized transmit/receive signals in ground station antenna feed chains, from very low frequency up to V-band.	
Omt full-band q/u/v	Q/U/V band
Omt full-band k/KA	K/Ka band
Omt full-band	up to 18 GHz

price on request

WARPSPACE Inc.

JAPAN · 2016 · 1 PRODUCT

Japanese space-communications startup building WarpHub InterSat, a MEO optical inter-satellite data relay network for near-real-time downlink of LEO Earth-observation data.



WARPSPACE INC.

WarpHub InterSat

World's first commercial optical inter-satellite data relay network service, using three MEO relay satellites to provide 1 Gbps+ near-real-time downlink connectivity for LEO Earth

Service type	Optical inter-satellite data relay network
Constellation size	3 relay satellites
Relay orbit	MEO, 8,000–10,000 km altitude
User satellite orbit	LEO, 500–1,000 km altitude
Isl data rate (user to relay)	≥1 Gbps (optical)

price on request

WORK Microwave

GERMANY · 10 PRODUCTS

WORK Microwave develops and manufactures RF electronics technologies and products. They create innovative RF electronics and digital signal processing, including satellite communication, optical ground station, virtualized DIFI solutions, d



WORK MICROWAVE

AX-60-S02190 CCSDS TM/TC Modem

A ground station modem designed for CCSDS 131 and 231 based mission communication, ensuring compatibility with IQ Spacecom XLink space segment transceivers.

Downlink Compliance	CCSDS 131.0-B-3
Uplink Compliance	CCSDS 231.0-B-3
Symbol Rates	10 ksp/s up to 75 Msp/s
Frequency	950...2150 MHz
Data rate	360 Mbps or 80000 pps



WORK MICROWAVE

AX-62 Space Mission Ground Modem

The AX-62 Space Mission Ground Modem is an essential ground station element for New Space, supporting a multitude of standardized CCSDS and DVB waveforms and protocols.

Symbol rates	10 ksp/s to 75 Msp/s
Warranty	3 years

price on request

[datasheet](#)

[price on request](#) [datasheet](#)



WORK MICROWAVE

Compact Satellite Up- and Downconverter

Compact frequency converter for Single/Dual channel L-Band, offering a cost-effective option for satellite operators, integrators, and teleports for standard and customized applica

Bands	L, S, C, X, Ku, K(DBS), Ka, Q-Band
Output	L-Band
Optional Switchable IF	70 MHz and 140 MHz
Phase Noise	< -67 dBc/Hz @ 10 Hz
OCXO Stability	< 10 ⁻⁷ / year

[price on request](#) [datasheet](#)



WORK MICROWAVE

Digital Converters DBDC & DBUC

Cloud-ready digital converters DBDC (RF-downlink) and DBUC (RF-uplink) for Virtual Ground Station (VGS) solutions.

Operational Temperature -40° to +70° C

[price on request](#)



WORK MICROWAVE

IF Downconverter VSCD

Frequency Downconverters for L- to Q-band, available in indoor and outdoor configurations, suitable for standard and customized applications.

Bands	L, S, C, X, Ku, K(DBS), Ka, Q-Band
IF Frequencies	70 MHz, 140 MHz, 230 MHz or 720 MHz
Phase Noise	< -50 dBc/Hz @ 10 Hz
OCXO Stability	< 10 ⁻⁷ / year
Gain Slope Equalizer	Adjustable (standard)

[price on request](#) [datasheet](#)



WORK MICROWAVE

Redundant Block Downconverter VSBD-Red

Compact Redundant Block Downconverters from S- to K(DBS)-band, for standard and customized applications.

Bands	S, C, X, Ku, K(DBS)-Band
Output	L-Band
Redundancy	1:1 Redundancy switch
Housing	19"
Converters	Hot pluggable slide-in

[price on request](#) [datasheet](#)



WORK MICROWAVE

Redundant Block Upconverter

Compact Redundant Block Upconverters from S- to K(DBS)-band, for standard and customized applications, featuring 1:1 redundancy switch and two blockconverters in one 19" housing.

Bands	S, C, X, Ku, K(DBS)-Band
Input	L-Band
Redundancy	1:1 Redundancy switch and two blockconverters in one 19" housing
Converters	Hot pluggable slide-in
Power Supplies	Redundant

[price on request](#) [datasheet](#)



WORK MICROWAVE

Remote Control RC-CO

A remote control unit designed for outdoor frequency converters, offering optional Uplink Power Control.

Interface	RS232 or RS422/RS485, IP over Ethernet
Supply voltage	12...24 V
Voltage Range DC-In+	0 ... +12 V
Input Impedance	approx 10 kΩ
Output Current	1 mA

[price on request](#) [datasheet](#)



WORK MICROWAVE

Synthesized Block Downconverter VSSBD

Frequency Downconverters for S- to Q-band with L-Band output, available for indoor and outdoor use, and suitable for standard and customized applications.

Bands	S, C, X, Ku, K(DBS), Ka, Q-Band
Output	L-Band
Phase Noise	< -50 dBc/Hz @ 10 Hz
OCXO Stability	< 10 ⁻⁷ / year
Gain Slope Equalizer	+8 dB / GHz max. (optional)

[price on request](#) [datasheet](#)



WORK MICROWAVE

V-Series Software Modem

Our cloud-based Software Modem is the ideal solution for your global ground station networks, whether on-premises or completely cloud-based.

Compliance	DVB-S2/S2X, CCSDS and ECSS standards, DIFI standard
Minimum Symbol Rate	36 Msps (higher optional)
Minimum Bandwidth Support	36 MHz (larger optional)
Modulation Support	CCM, VCM and ACM
Time Slicing Support	Annex-M ETSI EN 302 307-1

[price on request](#)

Xenesis

UNITED STATES · 2017 · 1 PRODUCT

Xenesis is a US-based optical/laser satellite communications company that develops space-based laser terminals and optical ground stations to deliver high-bandwidth, low-latency data links between satellites and Earth.

XENESIS

Xen-Node

Optical ground station terminal designed for daylight-capable, full-duplex laser downlinks from satellites equipped with Xen-Hub terminals.

Telescope aperture	0.5 m diameter (Dall-Kirkham design)
Link mode	Full-duplex, daylight-capable
Network interface	10 GbE Ethernet
price on request	

Zhuhai Orbita Aerospace

CHINA · 2000 · 1 PRODUCT

Chinese listed commercial Earth-observation company operating the Zhuhai-1 constellation of hyperspectral and video microsatellites for agriculture, forestry, water, ecology, and maritime monitoring.



ZHUHAI ORBITA AEROSPACE

Ground Stations Network

A network of ground stations designed for remote control and global coordinated system operations, with Zhuhai Station serving as a central hub.

Planned ground stations	7
Operational ground stations	4
Central station	Zhuhai Station
Annual data collection capacity	Up to 6 PB

price on request

Manufacturers in this sector

Alén Space

Spain · 2008 · 5 products

Alén Space designs, manufactures, and operates small satellites, providing end-to-end mission development services and advanced communication platforms, subsystems, and components for space

Anteral

Spain · 1 product

Spanish RF and antenna technology company designing high-performance antenna and passive components for satellite on-board systems, SatCom, and radar applications.

Antwerp Space

Belgium · 1972 · 1 product

Belgian satellite communication system integrator providing RF payload equipment, telemetry systems, and ground terminal technology for institutional and commercial space programs.

Apolink

United States · 1 product

Apolink is a Y Combinator-backed space startup building a LEO data relay constellation for 24/7 real-time satellite connectivity using hybrid RF and optical links.

Arctic Space Technologies

Sweden · 2019 · 2 products

Arctic Space Technologies operates one of the most advanced commercial satellite ground stations in the Arctic, providing satellite communications and ground segment services from Luleå in N

Astralintu Space Technologies

Ecuador · 2020 · 2 products

Equatorial Ground Station as a Service (GSaaS) provider delivering complete equatorial coverage for satellite missions.

Astroflash

Japan · 2019 · 1 product

Japanese space entertainment company founded 2019 in Tokyo developing satellites visible from the ground for entertainment and cultural events, with satellite development services.

ATCi

United States · 3 products

ATCi is a Chandler, Arizona-based satellite communications company and the market leader in multibeam antenna technology, best known for its Simulsat product line.

Atlas Space Operations

United States · 2015 · 1 product

US Ground Software as a Service (GSaaS) provider operating a federated global antenna network for satellite telemetry, tracking and command.

Azimut Space

Germany · 2007 · 1 product

Azimut Space GmbH is a Berlin-based space engineering SME with 15+ years of experience in thermo-mechanical engineering, developing thermal control systems, payloads, scientific instruments,

Azista Space (Azista Aerospace)

India · 1 product

Indian manufacturer of spaceborne systems, payloads, and satellite-enabled ground systems including SATCOM and hydrometeorology sensors.

BridgeComm, Inc.

United States · 2015 · 1 product

US developer of free-space optical laser communications systems — optical ground terminals and ground stations for space-to-ground, satellite-to-air, and inter-satellite optical links at spe

Calian (SatService)

Canada · 7 products

SatService GmbH, a Calian company, designs and integrates satellite ground stations and earth-station antennas, including GNSS/SATCOM ground segment systems.

Capricorn Space

Australia · 1 product

Australian-owned ground segment service provider offering satellite ground station infrastructure in remote Western Australia.

Cascade Space

United States · 1 product

Cascade Space builds and operates communication systems and infrastructure for deep space commercial missions, utilizing array technology.

CELESTIA Satellite Test & Simulation

Netherlands · 1985 · 2 products

Celestia Satellite Test & Simulation provides ground-based solutions for satellite simulation, testing, communication, and data processing, including EGSE, TT&C, and Optical Modems.

CM Technology (CMT)

United States · 2 products

CM Technology Inc (CMT) provides turnkey satellite teleport ground communication solutions, including LEO tracking systems, antenna installation, maintenance, and access to a global network

Comsat Systems

India · 1982 · 1 product

Comsat Systems designs and manufactures advanced satellite communication antenna systems and associated subsystems for teleport, VSAT, mobility, and defense applications.

CONTEC

South Korea · 1 product

CONTEC provides an all-in-one solution for satellite data reception, processing, and analysis, supporting space missions through its global ground station network.

Cosmoworks

South Korea · 1 product

Cosmoworks is a South Korean company manufacturing satellite platforms, building 3U-class CubeSats with Earth observation telescope payloads for imaging missions.

D-Orbit

Italy · 2011 · 1 product

In-space transportation & logistics — ION Satellite Carrier (OTV); last-mile delivery, hosted payloads.

Data Patterns (India) Ltd.

India · 1998 · 2 products

Vertically integrated Indian defence and aerospace electronics company designing and manufacturing avionics, microelectronics, RF/microwave, radar, test equipment and space systems.

DecenSpace

United States · 2025 · 1 product

Ground station marketplace for satellite operators, providing a unified API to a global network of independently operated antennas for TT&C, payload downlink, and mission operations.

Dhruva Space

India · 2012 · 1 product

Dhruva Space is an Indian space technology company founded in 2012, providing satellites, Earth stations, and launch services as integrated or individual solutions.

Emposat Co., Ltd.

China · 2016 · 2 products

China's leading commercial satellite TT&C and ground segment services provider, operating a global network of 60+ ground stations across Asia, Europe, Africa, South America, and the Pacific.

Emxys

Spain · 2007 · 1 product

Emxys is a Spanish space electronics company specialising in advanced onboard computers, power systems, optical transceivers, and complete nanosatellite platforms for data-intensive space mi

ETL Systems

United Kingdom · 3 products

ETL Systems manufactures RF signal processing equipment for satellite communications, including RF distribution and Digital IF systems. They also provide end-to-end services such as system d

EUROSATCOM

France · 2003 · 5 products

French SATCOM equipment distributor and integrator; ground station hardware across L to Q band; founded 2003 in Les Ulis.

findgs

1 product

Global satellite ground station directory platform connecting satellite operators with 650+ ground station providers worldwide on a flexible pay-per-use model.

Fossa Systems

Spain · 1 product

Fossa Systems is a Spanish satellite IoT company operating a nanosatellite constellation, ground stations, and IoT gateway devices to deliver low-cost global connectivity for remote asset mo

GAUSS Srl

Italy · 2012 · 1 product

Italian company specializing in complete lifecycle management of CubeSats and NanoSatellites: design, manufacturing, subsystems, ground stations and deployers.

GDP Space Systems

United States · 1 product

GDP Space Systems designs and manufactures telemetry receivers, satellite modems, and range management systems for aerospace and flight test applications.

General Atomics Synopta GmbH

Switzerland · 2004 · 1 product

Swiss opto-electronics company (part of General Atomics since 2021) developing laser-communication beam-pointing systems, optical ground stations, and free-space/fiber optical communication

General Dynamics Mission Systems

United States · 1954 · 1 product

General Dynamics Mission Systems is a defense electronics manufacturer and integrator providing mission-critical solutions for land, sea, air, space, and cyber domains.

GEOVIS / Zhongke Xingtu

China · 2006 · 1 product

GEOVIS / Zhongke Xingtu provides aerospace information services, including software, data, technology development, and system integration for smart earth, commercial aerospace, and low-altit

Gilat Satellite Networks

Israel · 1987 · 1 product

Israeli VSAT and satellite networking company; 1.5M+ terminals in 100+ countries for broadband, cellular backhaul, and government connectivity.

Glavkosmos

Russia · 1985 · 17 products

Glavkosmos coordinates international human spaceflight projects, facilitates satellite launches, develops and supplies rocket components, and provides equipment for space crews.

gmv

Spain · 1984 · 1 product

GMV provides solutions, services, and products across multiple sectors, including space, aeronautics, and defense, with a focus on high-tech and adapted client solutions.

GomSpace

Denmark · 2007 · 2 products

GomSpace is a Danish CubeSat manufacturer producing satellite platforms, subsystems, and end-to-end mission solutions. Products include the NanoCom radio modules, NanoPower EPS, and complete

Goonhilly Earth Station

United Kingdom · 2 products

Goonhilly Earth Station provides satellite, lunar, and deep space communication services, operating a private deep space network and offering various satellite communication solutions.

Groundcom.space

Czech Republic · 4 products

Groundcom develops and operates next-generation ground stations for satellite communications. They offer a shared global network and secure, on-premise networks for missions.

Hancom InSpace

South Korea · 3 products

Korean aerospace tech company providing satellite ground station systems and satellite image analysis services.

Infostellar

Japan · 2016 · 2 products

Infostellar operates StellarStation, a cloud-based Ground-Segment-as-a-Service (GSaaS) platform that virtualizes a worldwide network of satellite ground stations for LEO operators.

Intuitive Machines

United States · 2013 · 1 product

US lunar lander company that became the first private company to land on the Moon (IM-1 Nova-C, Feb 2024), under NASA's CLPS lunar delivery program.

IQ Spacecom

1999 · 2 products

IQ Spacecom designs and manufactures high-performance radio communication solutions, including SDR transceivers, antennas, and space switches, for small satellites and ground equipment.

ITS Electronics

1 product

ITS Electronics designs and manufactures RF and microwave components and wireless solutions for various applications including land mobile, airborne, marine, communications, aerospace/EW, an

Kacific Broadband Satellites

Singapore · 2013 · 2 products

Kacific Broadband Satellites provides high-quality, low-cost satellite broadband services to businesses, governments, and operators in South East Asia and the Pacific.

Kongsberg Defence & Aerospace — Space Division

Norway · 1814 · 1 product

Kongsberg Defence & Aerospace — Space Division delivers technologies for the space value chain, including launch services, small satellite production, and satellite data management.

Kratos Defense & Security Solutions

United States · 1994 · 2 products

American defense technology company specializing in unmanned systems, satellite communications, and space domain awareness.

KSAT (Kongsberg Satellite Services)

Norway · 1968 · 2 products

World-leading satellite ground station operator with 26 antenna sites including Svalbard, providing TT&C, data downlink, and relay services for LEO, MEO, and GEO satellites worldwide.

KT SAT

South Korea · 2012 · 1 product

KT SAT is South Korea's sole satellite communication operator, operating a fleet of five geostationary KOREASAT satellites covering over 60% of the world's population with transponder leasing.

Leaf Space

Italy · 2014 · 4 products

Italian Ground Segment as a Service (GSaaS) provider operating 40+ ground stations across 19 global locations, supporting 140+ satellites with communications scheduling, telemetry, and LEOP.

LeoLabs

United States · 2016 · 1 product

LeoLabs provides persistent orbital intelligence through a global radar network, real-time data catalog, and AI-powered analytics for space domain awareness and traffic management.

Libre Space Foundation

Greece · 2015 · 1 product

Libre Space Foundation is a non-profit open-source foundation developing open hardware and software for space, including the SatNOGS global satellite ground station network, CubeSat missions.

Lorett

Russia · 2013 · 1 product

Lorett develops equipment and technologies for real-time Earth remote sensing satellite data reception and provides educational programs in space technologies.

MASER Engineering

Netherlands · 1 product

Dutch specialist providing reliability testing, failure analysis, and space qualification engineering services for electronic components used in space missions and high-reliability applications.

Mbryonics

Ireland · 2014 · 2 products

Ireland's largest photonics company, building end-to-end optical communication systems for space connectivity.

MinoSpace

China · 2017 · 4 products

Chinese commercial satellite manufacturer building Earth observation, communications, and remote sensing satellites, plus payloads, components, and ground terminal systems.

Muon Space

United States · 2021 · 1 product

Muon Space is the Mission Foundry, designing, building, and operating high-performance satellite constellations for defense, civil, and commercial customers.

Mynaric

Germany · 2009 · 1 product

Mynaric manufactures optical communication terminals for air, space, and mobile applications, enabling high-speed, secure, and license-free laser communication networks.

NanoAvionics

Lithuania · 2014 · 1 product

Pre-integrated nanosatellite buses (3U–16U+ MP42), green chemical propulsion, mission integration.

NARIT (National Astronomical Research Institute of Thailand)

Thailand · 2009 · 2 products

Thailand's national public organization for astronomical research, operating the country's largest optical and radio telescopes and leading regional astronomy technology development.

Needronix

Poland · 2017 · 1 product

Polish smallsat hardware company designing and manufacturing components and subsystems for CubeSats and small satellites, serving commercial and institutional space customers across Europe.

NewSpace India Limited (NSIL)

India · 2019 · 1 product

ISRO's primary commercial arm; manages PSLV/SSLV production, provides international launch services, and facilitates Indian private space industry growth.

ONDO Space

Mongolia · 2020 · 1 product

Mongolian nanosatellite startup operating ONDOSAT-OWL CubeSats and offering IoT livestock tracking, ground station services, and rideshare launch coordination for LEO missions.

OneSpace Technologies

China · 2015 · 1 product

Chinese private launch-vehicle developer building the OS-X suborbital and OS-M orbital solid-fuel rocket families, and China's first privately funded company authorized to develop and manufa

OrbAstro

2017 · 1 product

OrbAstro (Orbital Astronautics Ltd.) is a UK and New Zealand-based small satellite platform manufacturer founded in 2017 by Ash Dove-Jay and Vinoth Gurusamy, two of the founding employees of

Orbit Communication Systems

Israel · 1 product

Orbit Communication Systems is a global leader in airborne, maritime, land, and ground-station communications, satellite-tracking, and new space connectivity solutions for commercial and gov

Orbit:Linx

United Kingdom · 2018 · 1 product

Decentralized ledger technology (DLT) platform for scheduling, tokenizing and trading ground-station and satellite communications capacity.

Orbital Systems

Russia · 2009 · 2 products

Russian NewSpace company providing full lifecycle development and production of CubeSat small satellites, deployment systems, and ground control stations.

Parsons Space

United States · 1 product

US defense and technology prime contractor providing space systems engineering, missile defense integration, space domain awareness, and ground system development for US government programs.

Pinkmatter Solutions

South Africa · 2002 · 1 product

South African Earth observation company operating a dedicated satellite antenna hosting site near Pretoria.

QEYSSat (Quantum Encryption and Science Satellite)

Canada · 2017 · 1 product

QEYSSat is a Canadian Space Agency microsatellite mission to demonstrate quantum key distribution (QKD) from space, built by Honeywell (formerly COM DEV Canada) under a \$30 million contract.

Quasar Satellite Technologies

Australia · 2021 · 2 products

Quasar Satellite Technologies is an Australian company providing next-generation software-defined ground infrastructure for satellite communications and space domain awareness, based on prop

Qwaltec

United States · 2001 · 1 product

American space operations company providing mission control software, ground system engineering, and spacecraft operator training for government and commercial satellite programs.

ReliaSat

United Kingdom · 2020 · 1 product

ReliaSat is a UK manufacturer of Ka-band RF and mm-wave systems, transceivers, phased array antennas, and MMICs for satellite, aerospace, defence, and 5G markets.

Remos Space Systems AB

Sweden · 2 products

Remos Space Systems AB provides software-defined ground systems and modems for satellite operations. Their systems replace legacy hardware, making space operations faster and more accessible

SAIC Space

United States · 1 product

SAIC is a mission integrator that provides technology and innovation solutions, including secure multi-cloud, AI-driven tools, and data-driven interoperability, to federal and defense agenci

Satrev (SatRevolution)

Poland · 2016 · 1 product

Polish nanosatellite manufacturer and Earth observation company recognized by ESA as a 'Space Tech Rising Star', building CubeSat platforms, subsystems, ground stations, and hosted-payload m

Shaanxi NewStar Communications

China · 2008 · 1 product

Shaanxi NewStar Communications designs and manufactures satellite communication antennas and provides related network solutions and services.

SkyFox Labs s.r.o.

Czech Republic · 2014 · 1 product

Czech manufacturer (Prague) of Space-Friendly CubeSat and PocketQube subsystems: GNSS/AIS/ADS-B antennas, BusCORE radio terminals, ADCS sensors, and dosimeters, in continuous orbital operati

Skynopy

France · 2023 · 2 products

Skynopy provides an end-to-end ground station-as-a-service platform, giving satellite operators simple, high-throughput access to a global hybrid network of timeshared and proprietary ground

SPACE-SI (Slovenian Centre of Excellence for Space Sciences and Technologies)

Slovenia · 2010 · 1 product

Slovenian space R&D centre building small Earth-observation satellites, ground stations and satellite test facilities.

SpaceBridge Inc.

Canada · 1988 · 2 products

SpaceBridge Inc. designs and manufactures VSAT hubs, terminals, modems and RF equipment for satellite communication networks serving broadband, cellular backhaul, IoT, broadcast and defense

Spacecomm

Poland · 2 products

Space Comm provides Ground Station as a Service (GSaaS) for small satellite missions in Low Earth Orbit, offering ground segment infrastructure, TT&C, and mission control software.

Spaceit

Estonia · 1 product

Spaceit provides Mission Control Software as a Service (MCSAAS), a platform for streamlined satellite operations. They also offer a marketplace for ground station services, connecting satell

SPUTNIX

Russia · 2011 · 1 product

SPUTNIX is a Russian manufacturer of nanosatellite and microsatellite platforms, onboard subsystems and ground infrastructure, operating as a subsidiary brand of Sitronics Group.

SSBV Aerospace & Technology

Netherlands · 1985 · 2 products

SSBV Aerospace & Technology Group was a Dutch-led, technology-driven group of companies providing space and defence hardware, including smallsat subsystems, ground station equipment, and pre

Swedish Space Corporation (SSC)

Sweden · 1972 · 5 products

SSC Space provides ground station services, designs rocket and balloon systems, offers engineering and launch services, and conducts rocket engine testing.

ThinKom Solutions, Inc.

United States · 2000 · 1 product

Developer of patented VICTS (Variable Inclination Continuous Transverse Stub) phased array antennas for commercial aviation in-flight connectivity, military SATCOM, ground terminals, and spa

Thorium Space Technology

Poland · 2018 · 1 product

Polish manufacturer of active electronically steered (AESA) flat-panel phased array antennas and Ka-band satcom terminals, beamforming chipsets and communication payloads for LEO/MEO/GEO sat

Tsd-space

Italy · 1977 · 3 products

Italian space imaging and avionics company in Pozzuoli; cameras, focal plane arrays, image compression, OBCs, C&DH systems, power management, and ground segment equipment.

TTI Norte

Spain · 1996 · 2 products

Spanish satellite ground systems company founded 1996 in Santander (now Celestia TTI, part of Celestia Technologies Group); makes SSPAs, LNAs, phased array/flat-panel antennas and RF passive

WARPSPACE Inc.

Japan · 2016 · 1 product

Japanese space-communications startup building WarpHub InterSat, a MEO optical inter-satellite data relay network for near-real-time downlink of LEO Earth-observation data.

WORK Microwave

Germany · 10 products

WORK Microwave develops and manufactures RF electronics technologies and products. They create innovative RF electronics and digital signal processing, including satellite communication, opt

Xenesis

United States · 2017 · 1 product

Xenesis is a US-based optical/laser satellite communications company that develops space-based laser terminals and optical ground stations to deliver high-bandwidth, low-latency data links b

Zhuhai Orbita Aerospace

China · 2000 · 1 product

Chinese listed commercial Earth-observation company operating the Zhuhai-1 constellation of hyperspectral and video microsatellites for agriculture, forestry, water, ecology, and maritime mo

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