NEWSPACE MARKET

NEWSPACE MARKET · SECTOR CATALOGUE

GNSS Receivers

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

72	36	22	26
PRODUCTS	MANUFACTURERS	COUNTRIES	WITH DATASHEETS

newspacemarket.com/catalogues/gnss-receivers/

as of 2 September 2026

ABOUT THIS CATALOGUE

What is inside

This catalogue lists **72 gnss receivers products** offered by **36 manufacturers** across **22 countries**. Of those, 26 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 States 4 · United Kingdom 3 · France 3 · China 3 · Russia 3 · Sweden 2 · Switzerland 2 · Spain 2 · Germany 1 · Bulgaria 1 · Denmark 1 · Netherlands 1 · South Korea 1 · Israel 1 · South Africa 1 · New Zealand 1 · Romania 1 · Czech Republic 1 · Slovenia 1 · Slovakia 1 · Ireland 1 · Japan 1

OVERVIEW

All products at a glance

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
AHP5354A Active Multiband L1/L5 GNSS High Precision Patch Antenna	Taoglas	Ireland	GNSS type: Active	on request
AHP54510 Active L1/L5/L-Band GNSS High Precision Antenna	Taoglas	Ireland	Technology: Embedded Antennas, GNSS	on request
AmbaSat-1 Sensor 08	AmbaSat	United Kingdom	Module dimensions: 9.7x10.1 mm	on request
ANT-GPS L-Band GPS Patch Antenna	AAC SpaceQuest (AAC Clyde Space subsidiary)	United States	Frequency band: L-band (GPS L1/L2)	on request
ANT-GPS Series	AAC Clyde Space	Sweden	Frequency: 1575.42 MHz (GPS L1)	on request
Antenna AFU-NMSS M	Glavkosmos	Russia	Year of release: 2013	on request
Antenna ASNB-1	Glavkosmos	Russia	Purpose: GLONASS / GPS on-board dual-band navigation receiver (rocket techn…	on request
Antenna ASNB-2	Glavkosmos	Russia	Purpose: In GPS / GLONASS / GALLILEO / BEIDOU on-board goniometer equipment…	on request
Antenna ASNK-1	Glavkosmos	Russia	Purpose: GLONASS / GPS wearable receiver. Work through space navigation sys…	on request
Antenna ASNP-2M	Glavkosmos	Russia	Purpose: As part of a personal GLONASS / GPS receiver. Work through space n…	on request
Antenna-feeder Device BASN	Glavkosmos	Russia	Purpose: Designed to receive information from navigation signals from GLONA…	on request
Antenna-feeder system of global navigation satellite systems	SPUTNIX	Russia	Antenna type: Printed	on request
BDStar Navigation Receivers	BDStar Navigation (Beidou Xingtong)	China	Products: BeiDou GNSS receivers, chips, terminals	on request
BeiDou GNSS Receivers and Navigation Modules	BDStar Navigation (Beidou Xingtong)	China	Constellations: BeiDou-3 (primary), GPS, GLONASS, Galileo (multi-constellat…	on request
Coordinate measuring satellites	ISS Reshetnev	Russia	—	on request
eON HOME	Nautilus Navigation in Space	Israel	Orbit determination: Onboard, from GNSS measurements	on request
FoX NavRIX GEO GNSS Receiver	Beyond Gravity (ex-RUAG Space)	Switzerland	Constellations: GPS, Galileo	on request
FoX NavRIX GNSS Receiver	Beyond Gravity (ex-RUAG Space)	Switzerland	Supported GNSS signals: GPS L1 C/A, GPS L2C, GPS L5 I/Q, Galileo E1 B/C, Ga…	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Gemini GPS/GNSS Receivers	NewSpace Systems (NSS)	South Africa	Models: Gemini-SR5, Gemini-MR28	on request
GEORIX GNSS Receiver	Beyond Gravity (ex-RUAG Space)	Switzerland	Supported GNSS signals: GPS C/A on L1, Galileo E1 B/C	on request
Glonass	ISS Reshetnev	Russia	ADCS type: active, 3-axes	on request
GNSS Antenna for Small Satellites	Anywaves	France	Frequency: L1/E1 (1575.42 MHz)	on request
GNSS Patch Antenna L1/E1	EnduroSat	Bulgaria	Operating frequency: L1/E1 band	on request
GNSS Receiver	Glavkosmos	Russia	Purpose: Navigation and communications equipment	on request
GNSS Receiver in a Secure Enclosure	Glavkosmos	Russia	Purpose: Mission-critical navigation systems	on request
GNSS Receiver Module (GPSRM 1) Kit	Pumpkin, Inc.	United States	Price range: $11,485.00 - $20,026.00	$11 485 — $20
GNSS-701	AAC Clyde Space	Sweden	Supported constellations: GPS L1, GLONASS L1, Galileo E1	on request
GNSS-701 Satellite GNSS Receiver	AAC SpaceQuest (AAC Clyde Space subsidiary)	United States	Type: GNSS receiver (GPS, multi-constellation)	on request
GPS-110	Berlin Space Technologies	Germany	Position accuracy: < 10 m	on request
HBP2012 Beidou-2 Navigation Baseband Chip	Beijing Huali Chuangtong Technology Co., Ltd.	China	—	on request
HBP2020 Beidou-3 Multi-Mode Multi-Frequency Navigation Baseband Chip	Beijing Huali Chuangtong Technology Co., Ltd.	China	—	on request
High Precision GNSS Module	Glavkosmos	Russia	Purpose: High-precision navigation for automotive technology with RTK and L…	on request
High-Precision GNSS Survey Receivers	CHC Navigation / Huace Daohang	China	Technology: Triple-frequency RTK GNSS (BeiDou-3, GPS, GLONASS, Galileo, QZS…	on request
iADCS200	AAC Clyde Space	Sweden	Pointing accuracy: ~1° (3σ)	on request
ISISPACE GNSS Patch Antenna	Innovative Space Logistics	Netherlands	Mass: < 20 g	on request
JAVAD GNSS	JAVAD GNSS	United States	Channels: 874	on request
Korean Positioning System (KPS) Payload	LIG Nex1	South Korea	Payload type: GNSS payload	on request
LEORIX GNSS Receiver	Beyond Gravity (ex-RUAG Space)	Switzerland	Supported GNSS signals: GPS L1 C/A, Galileo E1 B/C	on request
MagicPPP®	gmv	Spain	—	on request
MagicSBAS®	gmv	Spain	—	on request
N-SPHERE – High-End GNSS Receiver	Syrlinks	France	Subsystem: ACDS Subsystem	on request
N-SPHERE Space GNSS Receiver	Safran Electronics Defense Space	France	Position accuracy: < 0.5 m (P2OD algorithm)	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Nadezhda	ISS Reshetnev	Russia	ADCS type: 1-axis, gravity-magnetic	on request
NANOadcs	SkyLabs d.o.o.	Slovenia	Standard: ISO 19683, IPC Class 3+	on request
NanoSense GPS Kit	GomSpace	Denmark	Position Accuracy: <1.5 meters	on request
Navigation and Communication Module	Glavkosmos	Russia	Purpose: GNSS navigation, ERA-GLONASS emergency response, telemetry, and te…	on request
NaviGEO	SpacePNT	Switzerland	—	on request
NaviLEO	SpacePNT	Switzerland	—	on request
NaviMoon	SpacePNT	Switzerland	—	on request
Navishield Anti-Jam / Anti-Spoofing GNSS Antenna	Deimos Space (Indra)	Spain	Protected signals: Galileo PRS, Galileo OS, GPS	on request
NavRIX Integral GNSS Receiver	Beyond Gravity (ex-RUAG Space)	Switzerland	Supported GNSS signals: GPS L1 C/A, Galileo E1 B/C	on request
NewSpace GNSS Receiver	Rakon Limited	New Zealand	Type: Multi-constellation GNSS receiver	on request
NSS GPS Receiver	NewSpace Systems (NSS)	South Africa	Manufacturer: NewSpace Systems	on request
On-board GNSS Receiver with Interface Outputs	Glavkosmos	Russia	Purpose: Navigation and communications equipment	on request
OrbFIX — High-Accuracy GNSS Receiver for Space	RoInSpace (RISE, Romanian InSpace Engineering)	Romania	TRL: 9 (flight qualified — demonstrated on CORVUS 6U CubeSat)	on request
piNAV-NG/FM (Flight Model)	SkyFox Labs s.r.o.	Czech Republic	Power consumption: 125 mW (typical), 3.3 V @ 25°C	on request
piPATCH-AllBand-TC	SkyFox Labs s.r.o.	Czech Republic	Type: Active All-Band CubeSat GNSS Antenna with LNAs	$3 490
PODRIX GNSS Receiver	Beyond Gravity (ex-RUAG Space)	Switzerland	Supported GNSS signals: GPS L1 C/A, GPS L2C, GPS L5 I/Q, Galileo E1 B/C, Ga…	on request
Pulsar Verified Receiver Integration Program	Xona Space Systems	United States	Signal compatibility: X1 (adj. GPS L1) and X5 (adj. GPS L5) L-band signals	on request
Q40 MicroPNT GNSS Receiver	QinetiQ Space	United Kingdom	Dynamics: <600 m/s	on request
Satellite navigation equipment	SPUTNIX	Russia	Dimensions: 171 x 111 x 51 (without fasteners) mm	on request
SGR-Axio Space GNSS Receiver	SSTL (Surrey Satellite Technology)	United Kingdom	Dimensions: 160 x 180 x 50 mm	on request
Small-sized navigation equipment GM	Glavkosmos	Russia	Operating temperature range: from -30 to +55	on request
Space Geodesy and Precision Positioning Systems	Hexagon AB	Sweden	Products: Geodetic GNSS receivers, antennas (choke ring), SBAS components, …	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Space GNSS Receivers and GNSS Reflectometry Instruments	SSTL (Surrey Satellite Technology)	United Kingdom	Dimensions: 92 x 87 x 12 mm	on request
SRX-10i	gmv	Spain	Compatible GNSS bands: GPS L1/Galileo E1/GLONASS G1, GPS L2/GLONASS G2, GPS…	on request
SYNOPTES — Satellite-Based Precision Timing Device	RoInSpace (RISE, Romanian InSpace Engineering)	Romania	Function: Space-grade GNSS-disciplined oscillator for precision UTC time	on request
Taoglas GVLB208 Series (GVLB208 / AGVLB208.A)	Taoglas	Ireland	Package size: 20 x 20 x 8 mm	on request
VLSI kit for low-power GLONASS / GPS navigation receiver	Glavkosmos	Russia	Dimensions: 6×6×1 mm	on request
WARPSPACE GPS Module	WARPSPACE Inc.	Japan	Dimensions (L x W x H): 24.0 x 20.0 x 5.3 mm	on request
XRC	gmv	Spain	—	on request
Zenith	Spacemanic s.r.o.	Slovakia	Operating temperature: -40°C to +85°C	on request

Products by manufacturer

AAC Clyde Space

SWEDEN · 1999 · 3 PRODUCTS

AAC Clyde Space provides small satellite technologies and space-based data services, offering end-to-end solutions from satellite components to data analytics for various applications.

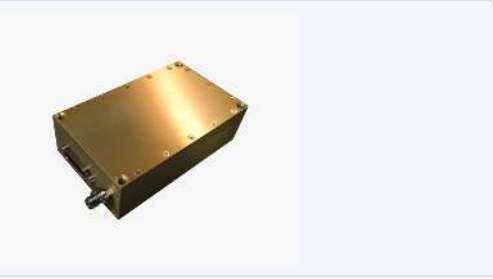
AAC CLYDE SPACE

ANT-GPS Series

The ANT-GPS Series is a range of GNSS antennas designed for satellite applications, providing positioning, navigation, and timing capabilities.

Frequency	1575.42 MHz (GPS L1)
Antenna type	Patch antenna with LNA
Gain	>25 dBic
Noise figure	<1.5 dB
Interface	SMA connector

price on request · datasheet



AAC CLYDE SPACE

GNSS-701

The GNSS-701 is a space-qualified L-band patch antenna tuned to GPS frequency bands, suitable for MicroSats, SmallSats, and CubeSats.

Supported constellations	GPS L1, GLONASS L1, Galileo E1
Position accuracy (CEP)	<5 m (GPS L1)
Velocity accuracy	<0.1 m/s
Time accuracy	<100 ns
Channels	72 channels

price on request · datasheet

AAC CLYDE SPACE

iADCS200

The iADCS200 is an Attitude Determination and Control System (ADCS) designed for small satellites.

Pointing accuracy	~1° (3σ)
Attitude rate	<0.5°/s
Sensors	3-axis magnetometer, sun sensors, gyroscope
Actuators	3-axis magnetorquers
Interface	I2C / CAN

price on request · datasheet

AAC SpaceQuest (AAC Clyde Space subsidiary)

UNITED STATES · 2 PRODUCTS

AAC Clyde Space provides small satellite technologies and space-based data services, offering end-to-end solutions from components to data analytics.

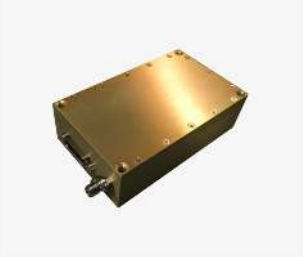
AAC SPACEQUEST (AAC CLYDE SPACE SUBSIDIARY)

ANT-GPS L-Band GPS Patch Antenna

Space-qualified L-band GPS patch antenna tuned to GPS frequency bands, ideal for MicroSats and SmallSats with recessed CubeSat mounting option.

Frequency band	L-band (GPS L1/L2)
Type	Patch antenna
Target platform	MicroSat, SmallSat (CubeSat recessed mounting)
Field of view	Hemispherical (GPS acquisition)
Applications	GPS/GNSS positioning, orbit determination

price on request



AAC SPACEQUEST (AAC CLYDE SPACE SUBSIDIARY)

GNSS-701 Satellite GNSS Receiver

Compact, high-performance satellite GNSS receiver — one of AAC SpaceQuest's bestselling components. Space-qualified for CubeSat and SmallSat orbit determination.

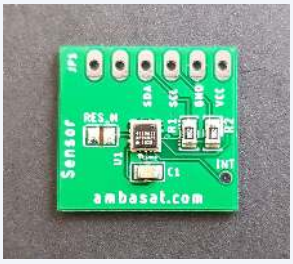
Type	GNSS receiver (GPS, multi-constellation)
Output	Position, velocity, time (PVT)
Target platform	CubeSat, SmallSat
Design	Compact, low power
Flight heritage	Bestselling component, flight proven

price on request

AmbaSat

UNITED KINGDOM · 2019 · 1 PRODUCT

UK-based nanosatellite kit company making space accessible through open-source 1U CubeSat education kits.



AMBASAT

AmbaSat-1 Sensor 08

The AmbaSat-1 Sensor 08 pack includes a TESEO-LIV3R GNSS receiver module and an AmbaSat-1 Daughterboard with all necessary components.

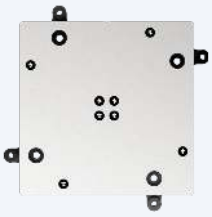
Module dimensions	9.7x10.1 mm
Supported GNSS	GPS, Glonass, BeiDou, QZSS

price on request

Anywaves

FRANCE · 2017 · 1 PRODUCT

French manufacturer of flight-proven space antennas, software-defined radio platforms, and RF payload technologies for satellite and launcher missions, with heritage on 200+ missions.



ANYWAVES

GNSS Antenna for Small Satellites

Miniaturized multi-constellation GNSS patch antenna for GPS, Galileo, GLONASS, and BeiDou reception on orbit.

Frequency	L1/E1 (1575.42 MHz)
Gain	≥3 dBic
Mass	<30 g
Operating temperature	-40 to +85 °C
Polarization	RHCP

price on request

BDStar Navigation (Beidou Xingtong)

CHINA · 2000 · 2 PRODUCTS

Chinese navigation technology group providing BeiDou and GNSS products, modules, and satellite-based solutions.

BDSTAR NAVIGATION (BEIDOU XINGTONG)

BDStar Navigation Receivers

Chinese BeiDou navigation satellite system receiver manufacturer, producing GNSS chips and receivers for satellite and terrestrial applications.

Products	BeiDou GNSS receivers, chips, terminals
Systems supported	BeiDou (BDS), GPS, GLONASS, Galileo

price on request

BDSTAR NAVIGATION (BEIDOU XINGTONG)

BeiDou GNSS Receivers and Navigation Modules

BDStar Navigation's (Beidou Xingtong) multi-constellation GNSS receivers, boards, and navigation modules supporting BeiDou-3, GPS, Galileo, and GLONASS for precision applications.

Constellations	BeiDou-3 (primary), GPS, GLONASS, Galileo (multi-constellation)
Precision	Centimeter-level with RTK correction
Applications	UAVs, precision agriculture, surveying, autonomous vehicles, maritime, LEO satellites
Space application	Space-qualified receivers for LEO on-orbit position determination
HQ	Beijing, China (Shenzhen Stock Exchange listed)

price on request

Beijing Huali Chuangtong Technology Co., Ltd.

CHINA · 1999 · 2 PRODUCTS

Huali Chuangtong (华力创通, Hwacreate) is a Chinese satellite navigation and IoT technology company listed on the Shenzhen Stock Exchange,

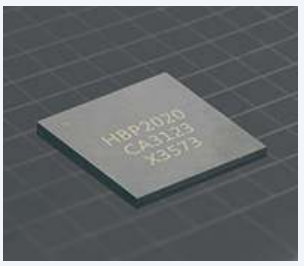
headquartered in Beijing, developing GNSS (GPS/BeiDou) navigation modules, IoT terminals, and satellite c

BEIJING HUALI CHUANGTONG TECHNOLOGY CO., LTD.

HBP2012 Beidou-2 Navigation Baseband Chip

The HBP2012 is a fully proprietary navigation baseband chip capable of simultaneously receiving BDS, GPS, and GLONASS signals. It can capture and track Beidou precision ranging cod

price on request



BEIJING HUALI CHUANGTONG TECHNOLOGY CO., LTD.

HBP2020 Beidou-3 Multi-Mode Multi-Frequency Navigation Baseband Chip

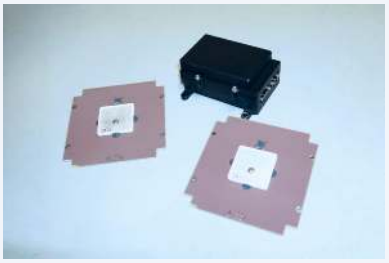
The HBP2020 is the latest multi-system multi-frequency satellite navigation baseband chip from Hwa Create. It supports BDS, GPS, GLONASS, Galileo, QZSS, and SBAS full-system full-f

price on request

Berlin Space Technologies

GERMANY · 2010 · 1 PRODUCT

Berlin Space Technologies (BST) designs and mass manufactures small satellite systems and technologies, providing end-to-end solutions for space missions.



BERLIN SPACE TECHNOLOGIES

GPS-110

The GPS-110 by Berlin Space Technologies is a miniature GPS receiver featuring two separate internal GPS receiver units and flight heritage since 2023.

Position accuracy	< 10 m
Velocity accuracy	0.1 m/s
Time to first fix	40s (cold start)
Power consumption	3 W
Data interface	RS422

price on request datasheet

Beyond Gravity (ex-RUAG Space)

SWITZERLAND · 1993 · 6 PRODUCTS

Swiss-Swedish space components manufacturer providing satellite structures, thermal control products, payload electronics, and antennas for commercial and institutional programs.

BEYOND GRAVITY (EX-RUAG SPACE)

FoX NavRIX GEO GNSS Receiver

Cost-efficient, optionally redundant software-defined GNSS receiver for commercial GTO/GEO missions, accurate to below 10 m 3D rms.

Constellations	GPS, Galileo
Target orbits	GTO / GEO
On-board navigation accuracy	Below 10 m 3D rms
Mission duration	Up to 15 years
Architecture	Software-defined radio (SDR); redundant or non-redundant configuration

price on request datasheet

BEYOND GRAVITY (EX-RUAG SPACE)

FoX NavRIX GNSS Receiver

Next-generation multi-frequency, multi-constellation GNSS receiver built on commercial components, with optional subscription-free PPP.

Supported GNSS signals	GPS L1 C/A, GPS L2C, GPS L5 I/Q, Galileo E1 B/C, Galileo E5a I/Q, Galileo E6 B/C (optional
On-board position accuracy	< 1.0 m 3D rms
On-board velocity accuracy	< 2 mm/s 3D rms
Time accuracy	< 50 ns (1 sigma)
Position accuracy with ppp (Galileo-only)	< 0.2 m 3D rms

price on request datasheet

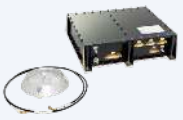
BEYOND GRAVITY (EX-RUAG SPACE)

GEORIX GNSS Receiver

Multi-constellation GNSS receiver for GTO/GEO missions with better than 20 m on-board real-time navigation accuracy in GEO.

Supported GNSS signals	GPS C/A on L1, Galileo E1 B/C
Signal processing hardware	Dedicated RF and Mixed-Signal ASICs plus AGGA-4 ASIC
Position accuracy in GEO	20.0 m 3D rms
Velocity accuracy in GEO	1 cm/s 3D rms
Time offset 1pps (1 sigma)	< 0.5 microseconds

price on request datasheet



BEYOND GRAVITY (EX-RUAG SPACE)

LEORIX GNSS Receiver

Multi-constellation single-frequency GNSS receiver for LEO with on-board real-time navigation accuracy below one metre.

Supported GNSS signals	GPS L1 C/A, Galileo E1 B/C
On-board position accuracy	1.0 m 3D rms
On-board velocity accuracy	2 mm/s 3D rms
Time offset 1pps (1 sigma)	< 50 ns (typ. 25 ns)
Tracking capacity	Single-frequency up to 12 satellites

price on request datasheet

BEYOND GRAVITY (EX-RUAG SPACE)

NavRIX Integral GNSS Receiver

GNSS receiver function integrated into Beyond Gravity's next-generation on-board computer (cOBC), needing only an external antenna.

Supported GNSS signals	GPS L1 C/A, Galileo E1 B/C
On-board position accuracy	1.0 m 3D rms
On-board velocity accuracy	25 mm/s 3D rms
Time accuracy (1 sigma)	< 100 ns
Integration	GNSS function embedded in Beyond Gravity cOBC; only external hardware is the antenna

price on request datasheet

BEYOND GRAVITY (EX-RUAG SPACE)

PODRIX GNSS Receiver

High-performance spaceborne GNSS receiver with real-time navigation below 20 cm and Precise Orbit Determination to a few centimetres.

Supported GNSS signals	GPS L1 C/A, GPS L2C, GPS L5 I/Q, Galileo E1 B/C, Galileo E5a I/Q, Galileo E6 B/C (optional
On-board position accuracy	< 1.0 m 3D rms
On-board velocity accuracy	< 2 mm/s 3D rms
Time accuracy	< 50 ns (1 sigma)
Position accuracy with ppp (Galileo-only)	< 0.2 m 3D rms

price on request datasheet

CHC Navigation / Huace Daohang

CHINA · 1 PRODUCT

CHC Navigation provides geospatial, machine control, navigation, and agriculture solutions utilizing GNSS, LiDAR, UAV, USV, and INS technologies.

CHC NAVIGATION / HUACE DAOHANG

High-Precision GNSS Survey Receivers

CHC Navigation's professional-grade dual/triple-frequency RTK GNSS receivers and surveying instruments supporting BeiDou, GPS, Galileo, and GLONASS for centimeter-level positioning

Technology	Triple-frequency RTK GNSS (BeiDou-3, GPS, GLONASS, Galileo, QZSS, NavIC)
Accuracy	±8 mm horizontal + 1 ppm RTK (typical)
Products	RTK rover/base receivers, UAV GNSS, marine receivers, machine control
Export markets	140+ countries
Certifications	ISO 9001, CE

price on request

Deimos Space (Indra)

SPAIN · 2001 · 1 PRODUCT

Spanish space engineering group (founded as Deimos Space, part of Elecnor 2001-2024) now operating as Indra Space, delivering end-to-end satellite platforms, avionics, ground segment, GNSS and space-surveillance solutions.

DEIMOS SPACE (INDRA)

Navishield Anti-Jam / Anti-Spoofing GNSS Antenna

Next-generation CRPA antenna system protecting GNSS receivers against interference and spoofing.

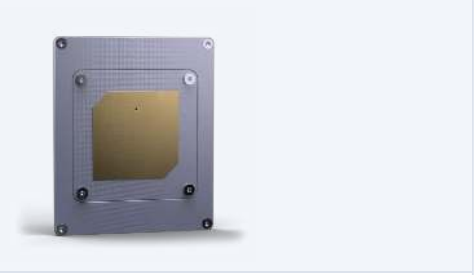
Protected signals	Galileo PRS, Galileo OS, GPS
Function	Anti-jam / anti-spoofing CRPA antenna
Related receiver	G3Star multi-constellation receiver (supports Galileo HAS)
Programme heritage	25+ years on the European Galileo programme

price on request

EnduroSat

BULGARIA · 2015 · 1 PRODUCT

Software-flexible CubeSat platforms (1U–16U+), shared-satellite hosted-payload service.



ENDUROSAT

GNSS Patch Antenna L1/E1

A space-qualified GNSS patch antenna designed for secure navigation in space for CubeSats, NanoSats, and SmallSats.

Operating frequency	L1/E1 band
Half power beam width (HPBW)	93 deg
Patch gain	> 3.5 dBi
Polarization	Right Hand Circular
Mass	17 g (passive)

price on request

Glavkosmos

RUSSIA · 1985 · 13 PRODUCTS

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

GLAVKOSMOS

Antenna AFU-NMSS M

An all-ceramic active GLONASS/GPS antenna module for wearable satellite navigation receivers, operating through space navigation systems.

Year of release	2013
Design life	3 years
Lead time	3 months
Flight qualification of the product	No
Possibility to adapt the product to customer requirements	Yes

price on request

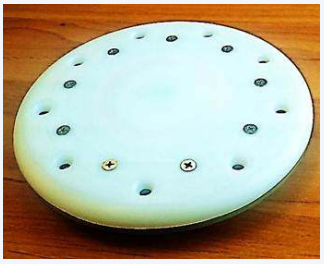
GLAVKOSMOS

Antenna ASNB-1

The Antenna ASNB-1 is a microstrip active antenna module designed for GLONASS/GPS on-board dual-band navigation receivers, specifically for rocket technology applications.

Purpose	GLONASS / GPS on-board dual-band navigation receiver (rocket technology). Work through spa
Year of release	2012
Design life	3 years
Lead time	3 months
Flight qualification of the product	No

price on request



GLAVKOSMOS

Antenna ASNB-2

A microstrip active antenna module for onboard GPS/GLONASS/GALILEO/BEIDOU satellite navigation system (SNS) equipment.

Purpose	In GPS / GLONASS / GALLILEO / BEIDOU on-board goniometer equipment. Work through space nav
Year of release	2017
Design life	3 years
Lead time	3 months
Flight qualification of the product	No

price on request

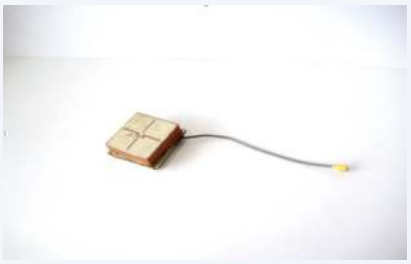
GLAVKOSMOS

Antenna ASNK-1

A wearable, all-ceramic active antenna module for GLONASS/GPS navigation, designed to work with satellite navigation systems.

Purpose	GLONASS / GPS wearable receiver. Work through space navigation systems (SNS).
Year of release	2011
Design life	3 years
Lead time	3 months
Flight qualification of the product	No

price on request



GLAVKOSMOS

Antenna ASNP-2M

Microstrip active antenna module for personal GLONASS/GPS receivers, designed to work through satellite navigation systems (SNS).

Purpose	As part of a personal GLONASS / GPS receiver. Work through space navigation systems (SNS).
Year of release	2011
Design life	3 years
Lead time	3 months
Flight qualification of the product	No

price on request

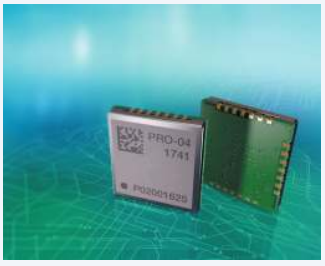
GLAVKOSMOS

Antenna-feeder Device BASN

The Antenna-feeder Device BASN is designed to receive navigation signals from GLONASS and GPS satellites, featuring flight qualification and heritage on the Meteor-3M spacecraft.

Purpose	Designed to receive information from navigation signals from GLONASS and GPS satellites.
Year of release	2000
Design life	7 years
Lead time	5 months
Flight qualification of the product	Yes

price on request



GLAVKOSMOS

GNSS Receiver

A compact multi-constellation GNSS navigation receiver module that computes real-time coordinates, speed, and precise time, and exchanges data with external equipment via serial in

Purpose	Navigation and communications equipment
Year of release	2017
Design life	3 years
Lead time	7 months
Flight qualification of the product	No

price on request

GLAVKOSMOS

GNSS Receiver in a Secure Enclosure

GPS+GLONASS L1 navigation receiver in secure case (16 ch, 9 m CEP, 2×RS-232, 71×51×12 mm, 50 g, -40 to +85 °C, 0.65 W). For mission-critical applications.

Purpose	Mission-critical navigation systems
Year of release	2007
Design life	3 years
Lead time	6 months
Flight qualification	No

price on request

GLAVKOSMOS

High Precision GNSS Module

RTK/GNSS high-precision navigation module (GPS/GLONASS/Galileo, <0.01 m RTK, <0.2 m standalone, 9–36 V, 120 g, -40 to +85 °C). For automotive/transport applications.

Purpose	High-precision navigation for automotive technology with RTK and LSN signal support
Year of release	2017
Design life	3 years
Lead time	8 months
Flight qualification	No

price on request

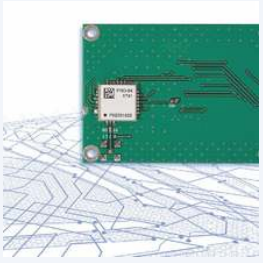
GLAVKOSMOS

Navigation and Communication Module

ERA-GLONASS/GNSS vehicle telematics module (48 ch, GPS+GLONASS, GSM/UMTS, accelerometer, RS-485/232, 9–36 V, 120 g, -40 to +85 °C, <8 W).

Purpose	GNSS navigation, ERA-GLONASS emergency response, telemetry, and telematics for vehicles
Year of release	2019
Design life	3 years
Lead time	6 months
Dimensions	120×90×40 mm

price on request



GLAVKOSMOS

On-board GNSS Receiver with Interface Outputs

Multi-constellation GNSS board module (44 ch, GPS/GLONASS/Galileo/SBAS L1, 2.5 m 2Drms, 2×RS-232/LVCMOS, 71×51×12 mm, 10 g, 0.07 W). 4 hardware versions.

Purpose	Navigation and communications equipment
Year of release	2017
Design life	3 years
Lead time	7 months
Dimensions	71×51×12 mm

price on request

GLAVKOSMOS

Small-sized navigation equipment GM

A compact GLONASS/GPS navigation receiver for determining current coordinates, ground speed and course of travel.

Operating temperature range	from -30 to +55
Mass	0.32 kg
Power consumption	1 W
First determination time	90 sec
Frequency range of received channels	1.6 GHz

price on request

GLAVKOSMOS

VLSI kit for low-power GLONASS / GPS navigation receiver

Two-chip low-power VLSI kit (VLSI 1 + VLSI 2) for multi-channel combined GLONASS/GPS navigation receivers.

Dimensions	6×6×1 mm
Mass	1 g
Supply voltage	1.20 ± 0.12 V (core); 1.8 ± 0.18 V (I/O)
Operating temperature	-40°C to +85°C
Number of channels	36

price on request

gmv

SPAIN · 1984 · 4 PRODUCTS

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

MagicPPP®

MagicPPP® is a web positioning service with worldwide coverage that allows GNSS users to determine their position or trajectory with centimeter precision, based on the user's RINEX

price on request datasheet

GMV

MagicSBAS®

MagicSBAS® is an advanced, multi-constellation, operational satellite-based augmentation system (SBAS) test bench that offers regional differential corrections and non-safety-criti

price on request datasheet

GMV

SRX-10i

SRX-10i is a competitive solution for simultaneous monitoring of up to two bands of the GNSS spectrum including real-time interference detection and analysis.

Compatible GNSS bands	GPS L1/Galileo E1/GLONASS G1, GPS L2/GLONASS G2, GPS L5/Galileo E5a/E5b/GLONASS G3
Bandwidth	up to 50 MHz (100 MHz aggregate)

price on request datasheet

GMV

XRC

XRC (eXperimental Receiver Canvas) is an engineering software receiver that allows the processing of GNSS multiple signals in multiple approaches, offering high configurability and

price on request

GomSpace

DENMARK · 2007 · 1 PRODUCT

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

NanoSense GPS Kit

The NanoSense GPS Kit provides precise positioning, navigation, and timing for satellite missions, tailored for nanosatellites and integrating seamlessly with GomSpace NanoDock ADC

Position Accuracy	<1.5 meters
PPS time Accuracy	<5ns RMS
Velocity Accuracy	0.03 m/s
Power Supply	3.3 volts
Power Consumption	<400 mA

price on request datasheet

Hexagon AB

SWEDEN · 1992 · 1 PRODUCT

Swedish technology company providing precision measurement, geospatial, and positioning solutions including satellite navigation systems.

HEXAGON AB

Space Geodesy and Precision Positioning Systems

Hexagon AB's space geodesy instruments, GNSS antennas, and precision satellite-based positioning systems for geodetic survey, geodynamics research, and satellite orbit determinatio

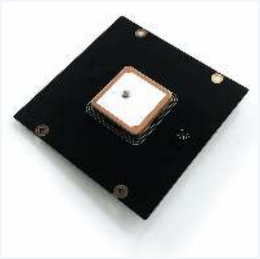
Products	Geodetic GNSS receivers, antennas (choke ring), SBAS components, correction services
Services	Veripos: sub-10 cm accuracy GNSS corrections for offshore/survey
Reference networks	IGS station hardware (global GNSS reference frame)
Sbas	Components for EGNOS (European) and MSAS (Japan) satellite augmentation
Brands	Leica Geosystems, Veripos (Hexagon Positioning Intelligence)

price on request

Innovative Space Logistics

NETHERLANDS · 2006 · 1 PRODUCT

ISISPACE provides launch services, manufactures CubeSat deployers and other launch equipment, and acts as a satellite systems integrator for small satellites.



INNOVATIVE SPACE LOGISTICS

ISISPACE GNSS Patch Antenna

The ISISPACE GNSS Patch Antenna is a compact, low-mass, and flight-proven antenna designed for GPS-L1 and GALILEO-E1, offering pinpoint positioning for CubeSats.

Mass	< 20 g
Dimensions	58 x 58 x 9.7 mm
Operating temperature	-20°C to +60°C
Frequency Range	1572 – 1578 MHz
Signal Gain	34.5 dB

price on request datasheet

ISS Reshetnev

RUSSIA · 1959 · 3 PRODUCTS

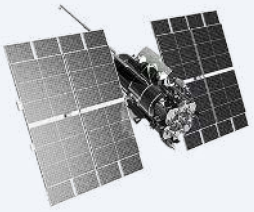
Russian satellite manufacturer in Zheleznogorsk, Siberia; GLONASS-K/M navigation, Express GEO comms, Luch data relay, and Yamal satellites; 1,400+ spacecraft built.

ISS RESHETNEV

Coordinate measuring satellites

RESHETNEV is the nation’s sole manufacturer of coordinate measuring satellites, spearheading the development of the GLONASS space segment for precise coordinate and velocity determ

price on request



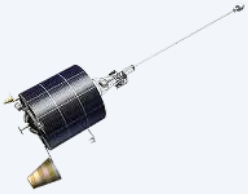
ISS RESHETNEV

Glonass

The Glonass satellite is an active, 3-axes navigation satellite with a mass of 1450 kg and a lifetime of 3 years, operating in a high-mid, circular, inclined orbit at 19100 km.

ADCS type	active, 3-axes
EPS power	1000 W
Mass	1450 kg
Lifetime	3 years
Orbit	High-mid, circular, inclined

price on request



ISS RESHETNEV

Nadezhda

The Nadezhda satellite is a navigation spacecraft developed by ISS Reshetnev, featuring a 1-axis, gravity-magnetic ADCS type and a 2-year lifetime.

ADCS type	1-axis, gravity-magnetic
EPS power	250 W
Mass	830 kg
Lifetime	2 years
Orbit	Low circular

price on request

JAVAD GNSS

UNITED STATES · 2007 · 1 PRODUCT

American GNSS technology company manufacturing high-precision positioning receivers for surveying, geodesy, and machine control applications.

JAVAD GNSS

JAVAD GNSS

JAVAD GNSS is a designer and manufacturer of multi-constellation, multi-frequency GNSS receivers for demanding industrial applications, including a board specifically designed for

Channels	874
Cellular	Internal 4G/LTE/3G
Radio	UHF 1 W transceiver
Wi-fi	5 GHz/2.4 GHz (802.11 a/b/g/n/d/e/i)
Bluetooth	Dual-mode + BLE

price on request datasheet

LIG Nex1

SOUTH KOREA · 1 PRODUCT

South Korean defense and aerospace electronics company developing advanced precision weapons systems, electronic warfare equipment, and space technology for the Republic of Korea Armed Forces.

LIG NEX1

Korean Positioning System (KPS) Payload

GNSS payload developed for Korea's independent regional positioning system (KPS).

Payload type	GNSS payload
Program	Korean Positioning System (KPS)

price on request

Nautilus Navigation in Space

ISRAEL · 2021 · 1 PRODUCT

Nautilus Navigation in Space designs autonomous Guidance, Navigation, and Control (GNC) sub-systems, provides Flight Dynamics as a Service, and develops ground testing equipment for space missions.

NAUTILUS NAVIGATION IN SPACE

eON HOME

Autonomous guidance and navigation unit for Earth-orbit satellites.

Orbit determination	Onboard, from GNSS measurements
Guidance	Onboard trajectory computation and maneuver planning
Cooperative navigation	Via inter-satellite link (ISL)
Integration	Drop-in replacement for standard GNSS receivers

price on request

NewSpace Systems (NSS)

SOUTH AFRICA · 2 PRODUCTS

NewSpace Systems (NSS) manufactures spacecraft components and sub-systems, focusing on Guidance, Navigation, and Control (GNC) products for commercial spacecraft manufacturers globally.

NEWSPACE SYSTEMS (NSS)

Gemini GPS/GNSS Receivers

L1-band GPS receivers for orbital position/velocity determination — 2 models (SR5 @ 5V, MR28 @ 28V), >80 receivers delivered, >10 years flight heritage. NMEA083 and binary ou

Models	Gemini-SR5, Gemini-MR28
Frequency band	L1
Output protocols	NMEA083, Binary
Sr5 supply voltage	5 V
Mr28 supply voltage	Unregulated 28 V

price on request datasheet

NEWSPACE SYSTEMS (NSS)

NSS GPS Receiver

The NewSpace Systems (NSS) GPS Receiver is a 12-channel hardware-based receiver which utilizes a well-established GPS chipset. This GPS chipset has been successfully flown by a…

Manufacturer	NewSpace Systems

price on request

Pumpkin, Inc.

UNITED STATES · 1995 · 1 PRODUCT

San Francisco-based manufacturer of flight-proven CubeSat kits, SUPERNOVA nanosatellite buses, and spacecraft power/electronics components, with over 150 kits delivered and dozens of successful space missions since 2003.

PUMPKIN, INC.

GNSS Receiver Module (GPSRM 1) Kit

Pumpkin's flight GNSS receiver module for CubeSats, built around a NovAtel OEM719-series 555-channel space-grade receiver with dual selectable orbit propagators (Vinti7 and SGP4) f

Price range	$11,485.00 - $20,026.00
Classification	Flight Hardware | Flight Qualified | Space Proven
GNSS receiver	NovAtel OEM719-GSN-LNN-TBN-H, 555-channel space-grade GNSS receiver
Base constellation	GPS L1 (single frequency)
Constellation options	GPS; GPS + GLONASS

$11 485 – $20 026 datasheet

QinetiQ Space

UNITED KINGDOM · 2001 · 1 PRODUCT

British defence technology company delivering mission-critical space capabilities — domain awareness, secure communications, PNT, electric propulsion, and test & evaluation — with over half a century of heritage from the Royal Aircraft Esta

QINETIQ SPACE

Q40 MicroPNT GNSS Receiver

Multi-constellation military GNSS receiver with <5 ns timing accuracy, anti-jamming/anti-spoofing, and RAIM for C5ISR and land/air platforms.

Dynamics	<600 m/s
Timing accuracy	<5 nanoseconds
Constellations	Multi-constellation (GPS, Galileo)
Anti-jamming/spoofing	Advanced digital signal processing
Integrity	RAIM

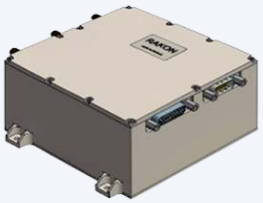
price on request

Rakon Limited

NEW ZEALAND · 1967 · 1 PRODUCT

Global leader in frequency control and timing solutions — space-qualified oscillators, GNSS receivers and S-band transceivers — with 40+ years of flight heritage.

NEW



RAKON LIMITED

NewSpace GNSS Receiver

NewSpace multi-constellation GNSS receiver for CubeSat and small satellite position, navigation, and timing applications.

Type	Multi-constellation GNSS receiver
Configurations	SINGLE, DUAL, TIMING, DB
Product class	NewSpace
Application	Satellite PNT (Position, Navigation, Timing)
Dimensions	55 x 41 x 16 mm

price on request datasheet

RoInSpace (RISE, Romanian InSpace Engineering)

ROMANIA · 2015 · 2 PRODUCTS

Romanian space engineering company developing CubeSat components, satellite subsystems, and space engineering services for European commercial and institutional space missions.

ROINSPACE (RISE, ROMANIAN INSPACE ENGINEERING)

OrbFIX — High-Accuracy GNSS Receiver for Space

OrbFIX is RoInSpace's flight-proven, high-accuracy GNSS receiver designed for satellite navigation in Low Earth Orbit and beyond. The unit delivers centimetre-class post-proc

TRL	9 (flight qualified — demonstrated on CORVUS 6U CubeSat)
GNSS constellations	GPS, GLONASS, Galileo, BeiDou
Frequency bands	L1, L2, L5
Real-time accuracy	Sub-metre
Post-processed accuracy	Centimetre-class

price on request

ROINSPACE (RISE, ROMANIAN INSPACE ENGINEERING)

SYNOPTES — Satellite-Based Precision Timing Device

SYNOPTES is RoInSpace's space-grade precision timing and time-transfer device designed for applications requiring highly stable and accurate on-orbit clock synchronisation. T

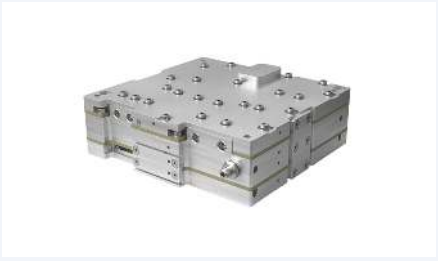
Function	Space-grade GNSS-disciplined oscillator for precision UTC time
Timing accuracy	Nanosecond-class UTC synchronisation
Signal sources	Multi-constellation GNSS (GPS, GLONASS, Galileo, BeiDou)
Output interfaces	LVDS, CMOS, SMA; PPS (pulse-per-second)
Form factor	CubeSat / small satellite compatible

price on request

Safran Electronics Defense Space

FRANCE · 1 PRODUCT

Safran Electronics & Defense designs and produces high-tech equipment and services for civil and military aerospace, defense, and space applications, including solutions for sovereign space control.



SAFRAN ELECTRONICS DEFENSE SPACE

N-SPHERE Space GNSS Receiver

Software-Defined Radio GNSS receiver with sub-0.5m position accuracy and Real-Time Precise Onboard Orbit Determination, selected for LeoStella LS-300 constellation.

Position accuracy	< 0.5 m (P2OD algorithm)
Constellations	GPS, GALILEO, BeiDou, GLONASS
Radiation tolerance	15 krad TID
Architecture	Software-Defined Radio (SDR)
Flight heritage	LeoStella LS-300 selected 2024

price on request

SkyFox Labs s.r.o.

CZECH REPUBLIC · 2014 · 2 PRODUCTS

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.

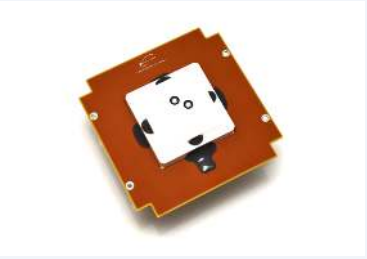
SKYFOX LABS S.R.O.

piNAV-NG/FM (Flight Model)

The piNAV-NG/FM (Flight Model) is a 15 Channel GPS L1 C/A Receiver with a long-term optimized firmware based on many years of orbital operations heritage intended for every satelli

Power consumption	125 mW (typical), 3.3 V @ 25°C
GPS signal	L1 C/A, 15 channels
LEO operation altitude	up to 3600 km
Velocity	up to 9 km/s
Cold Start Time in LEO (TTFF)	80 seconds (typical)

price on request



SKYFOX LABS S.R.O.

piPATCH-AllBand-TC

Active All-Band CubeSat GNSS patch antenna covering GPS L1/L2/L5, GLONASS G1/G2/G3, Galileo E1/E5a/E5b/E6 and BeiDou B1/B2a/B2b for Tuna-Can CubeSat deployers.

Type	Active All-Band CubeSat GNSS Antenna with LNAs
Bands covered	GPS L1, L2, L5; GLONASS G1, G2, G3; Galileo E1, E5a, E5b, E6; BeiDou B1, B2a, B2b
GPS l1 SNR	49-51+ dBc-Hz (close-to-zenith)
GPS l2 SNR	45-50+ dBc-Hz (close-to-zenith)

GPS l5 SNR	45-50+ dBc-Hz (close-to-zenith)

$3 490 datasheet

SkyLabs d.o.o.

SLOVENIA · 2013 · 1 PRODUCT

SkyLabs is a Slovenian space-technology company that designs and manufactures miniaturized, fault-tolerant on-board data handling, communications, power, ADCS/GNC and EGSE equipment for small satellites.

SKYLABS D.O.O.

NANOadcs

High performance GNC platform for ADCS with built-in fault-tolerant OBC, GNSS, magnetometer and gyroscope.

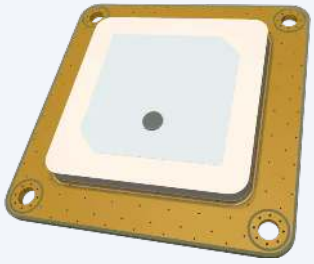
Standard	ISO 19683, IPC Class 3+
TRL	6
Mait	In-house
Built-in	NANOhpm interface
Interface	Redundant CAN for TM/TC

price on request

Spacemanic s.r.o.

SLOVAKIA · 2017 · 1 PRODUCT

Slovak-Czech full-service nanosatellite mission provider offering CubeSat platforms (1U-16U), onboard subsystems, rideshare launch integration, and ground segment services.



SPACEMANIC S.R.O.

Zenith

Zenith is a high-performance ceramic patch antenna for GNSS reception in nanosatellite missions, offering precise positioning and a compact design.

Operating temperature	-40°C to +85°C
Dimensions	50 x 50 x 8.8 mm (can be customised)
Mass	20 g (can be customised)
Supported bands	GPS: L1 Galileo: E1 BeiDou: B1 GLONASS: G1
Frequecy range	1556 – 1618 MHz (VSWR <2)

price on request datasheet

SpacePNT

SWITZERLAND · 3 PRODUCTS

SpacePNT SA is a GNSS receiver maker for the New Space satellite market. They deliver decimetre-level positioning and timing accuracy for single satellites and LEO constellations and highest signal reception sensitivity for Moon missions.

SPACEPNT

NaviGEO

NaviGEO is SpacePNT's high performance solution for launcher upper stages and in-orbit servicing vehicles, offering optimal GNSS visibility from LEO to GEO.

price on request

SPACEPNT

NaviLEO

NaviLEO is a high-performance GNSS receiver platform developed by SpacePNT, designed to meet the stringent needs and challenges of the New Space market.

price on request

SPACEPNT

NaviMoon

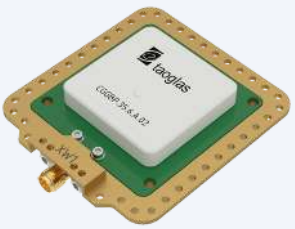
NaviMoon is SpacePNT's advanced autonomous GNSS receiver solution, delivering sub-100m accuracy at Moon distance and reducing reliance on costly Earth infrastructure for Orbit Dete

price on request

SPUTNIX

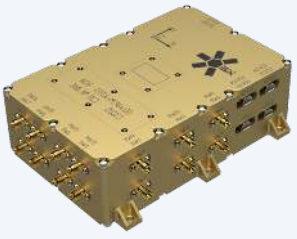
RUSSIA · 2011 · 2 PRODUCTS

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



SPUTNIX

Antenna-feeder system of global navigation satellite systems



SPUTNIX

Satellite navigation equipment

A GNSS receiver unit (SX-SBOX-GNSS-01) providing precision position, velocity and time synchronization for the spacecraft.

A passive printed L1-band antenna (AFS-GNSS) for receiving GNSS positioning signals aboard a spacecraft.

Antenna type	Printed
Operating frequency range	1559-1607 MHz
Gain	at least 5.5 dB
Standing wave voltage coefficient	no more than 1.5
Type of polarization	Circular, RHCP

price on request

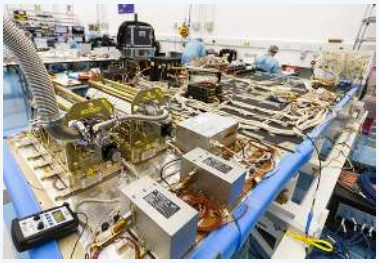
Dimensions	171 x 111 x 51 (without fasteners) mm
Mass	0.7 kg
Power voltage	22-34, galvanic isolation 500 V
Power consumption, wt	2
Duplicated interfaces	CAN2B, SpaceWire

price on request

SSTL (Surrey Satellite Technology)

UNITED KINGDOM · 1985 · 2 PRODUCTS

SSTL designs, builds, tests, and operates small satellites, pioneering the use of COTS components and having launched approximately 70 satellites for 22 countries.



SSTL (SURREY SATELLITE TECHNOLOGY)

SGR-Axio Space GNSS Receiver

Space GNSS receiver for small to larger satellites, successor to SGR-10, with multi-GNSS and dual-frequency options.

Dimensions	160 x 180 x 50 mm
Power at 5v	4 W in baseline mode
Mass	1 kg
Radiation	>=5 kRad (Si), core components tested to 10 krad
Operating temperature	-20 to +50 degC

price on request datasheet

SSTL (SURREY SATELLITE TECHNOLOGY)

Space GNSS Receivers and GNSS Reflectometry Instruments

SSTL offers highly regarded Space GNSS receivers for satellite navigation and position, velocity, and time information, alongside pioneering GNSS Reflectometry instruments for Eart

Dimensions	92 x 87 x 12 mm
Power at 5v	<0.5 W
Mass	90 g
Radiation	>5 kRad (Si), core components tested to 10 krad
Operating temperature	-20 to +50 degC

price on request datasheet

Syrlinks

FRANCE · 2011 · 1 PRODUCT

Developer of miniaturized RF communication subsystems for small satellites, including X-band transmitters, S-band transceivers, GNSS receivers, and spectrum monitoring payloads. Now a division of Safran Data Systems.

SYRLINKS

N-SPHERE – High-End GNSS Receiver

N-SPHERE is Syrlinks' high-end GNSS receiver for Real-Time Precise Onboard Orbit Determination (P2OD) and accurate time synchronization on small satellites and CubeSats.

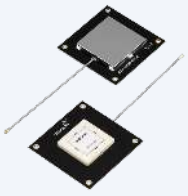
Subsystem	ACDS Subsystem
Component type	GNSS/GPS Receiver
Form factor	SmallSat
Vendor	Syrlinks
Flight heritage	Yes

price on request datasheet

Taoglas

IRELAND · 2004 · 3 PRODUCTS

Global antenna design house specializing in GNSS, NTN (Non-Terrestrial Network), and IoT connectivity antennas. Space-qualified GNSS antennas flight-proven on the EIRSAT-1 CubeSat mission.



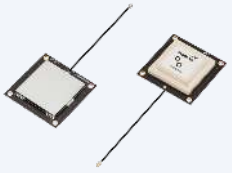
TAOGLAS

AHP5354A Active Multiband L1/L5 GNSS High Precision Patch Antenna

Multi-band active GNSS patch antenna delivering high-precision positioning for GPS/BeiDou/GLONASS/Galileo.

GNSS type	Active
GNSS bands	L1/L5
Frequency range	1176-1610 MHz
Gain max	29.2 dBi
Connector	I-PEX MHF I (Right Angle)

price on request datasheet



TAOGLAS

AHP54510 Active L1/L5/L-Band GNSS High Precision Antenna

The Taoglas AHP54510 is a multi-band GNSS antenna designed for high-precision GPS and BeiDou accuracy and fast positioning, utilizing a dual-stacked ceramic patch antenna with opti

Technology	Embedded Antennas, GNSS
GNSS type	Active GNSS
GNSS bands	L1/L5/L-Band
Mechanical style	Patch
Impedance	50

price on request datasheet

TAOGLAS

Taoglas GVLB208 Series (GVLB208 / AGVLB208.A)

Taoglas's GVLB208 Series is an ultra-compact 20 x 20 x 8 mm dual-band GNSS L1/L5 stacked patch antenna offering stable RHCP reception for high-precision positioning in passive and

Package size	20 x 20 x 8 mm
Bands supported	Dual-band L1/L5 (concurrent)
Polarization	Right-hand circular polarization (RHCP)
Peak gain	Up to 1.5 dBi
Efficiency	Approximately 50% across both bands

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.

WARPSPACE GPS Module

World's smallest and lightest GNSS receiver module, developed for use on small satellites.

Dimensions (L x W x H)	24.0 x 20.0 x 5.3 mm
Mass	3.0 g
Receiver type	GPS L1 C/A and GLONASS L1
Signal tracking availability	QZSS, WAAS, EGNOS, MSAS, GAGAN

price on request

Xona Space Systems is building Pulsar, the world's first commercial LEO navigation constellation delivering centimeter-level PNT with 100x stronger signals than GPS.

XONA SPACE SYSTEMS

Pulsar Verified Receiver Integration Program

Xona's hardware certification ecosystem enabling GNSS receiver OEMs and chipset integrators to validate and ship Pulsar-compatible devices via firmware updates.

Signal compatibility	X1 (adj. GPS L1) and X5 (adj. GPS L5) L-band signals
Integration method	Firmware/software update to existing dual-band GNSS receivers
Inaugural verified partners	Trimble, Septentrio (Hexagon), STMicroelectronics, Safran, StarNav, Keysight
Legacy device support	Trimble devices from 2018 onward confirmed compatible
Test infrastructure	GNSS simulators (Spirent, Safran), live-sky Pulsar-0 data, SDKs

`price on request`

DIRECTORY

Manufacturers in this sector

AAC Clyde Space

Sweden · 1999 · 3 products

AAC Clyde Space provides small satellite technologies and space-based data services, offering end-to-end solutions from satellite components to data analytics for various applications.

AAC SpaceQuest (AAC Clyde Space subsidiary)

United States · 2 products

AAC Clyde Space provides small satellite technologies and space-based data services, offering end-to-end solutions from components to data analytics.

AmbaSat

United Kingdom · 2019 · 1 product

UK-based nanosatellite kit company making space accessible through open-source 1U CubeSat education kits.

Anywaves

France · 2017 · 1 product

French manufacturer of flight-proven space antennas, software-defined radio platforms, and RF payload technologies for satellite and launcher missions, with heritage on 200+ missions.

BDStar Navigation (Beidou Xingtong)

China · 2000 · 2 products

Chinese navigation technology group providing BeiDou and GNSS products, modules, and satellite-based solutions.

Beijing Huali Chuangtong Technology Co., Ltd.

China · 1999 · 2 products

Huali Chuangtong (华力创通, Hwacreate) is a Chinese satellite navigation and IoT technology company listed on the Shenzhen Stock Exchange, headquartered in Beijing, developing GNSS (GPS/BeiDou)

Berlin Space Technologies

Germany · 2010 · 1 product

Berlin Space Technologies (BST) designs and mass manufactures small satellite systems and technologies, providing end-to-end solutions for space missions.

Beyond Gravity (ex-RUAG Space)

Switzerland · 1993 · 6 products

Swiss-Swedish space components manufacturer providing satellite structures, thermal control products, payload electronics, and antennas for commercial and institutional programs.

CHC Navigation / Huace Daohang

China · 1 product

CHC Navigation provides geospatial, machine control, navigation, and agriculture solutions utilizing GNSS, LiDAR, UAV, USV, and INS technologies.

Deimos Space (Indra)

Spain · 2001 · 1 product

Spanish space engineering group (founded as Deimos Space, part of Elecnor 2001-2024) now operating as Indra Space, delivering end-to-end satellite platforms, avionics, ground segment, GNSS a

EnduroSat

Bulgaria · 2015 · 1 product

Software-flexible CubeSat platforms (1U–16U+), shared-satellite hosted-payload service.

Glavkosmos

Russia · 1985 · 13 products

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

gmv

Spain · 1984 · 4 products

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 · 1 product

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

Hexagon AB

Sweden · 1992 · 1 product

Swedish technology company providing precision measurement, geospatial, and positioning solutions including satellite navigation systems.

Innovative Space Logistics

Netherlands · 2006 · 1 product

ISISPACE provides launch services, manufactures CubeSat deployers and other launch equipment, and acts as a satellite systems integrator for small satellites.

ISS Reshetnev

Russia · 1959 · 3 products

Russian satellite manufacturer in Zheleznogorsk, Siberia; GLONASS-K/M navigation, Express GEO comms, Luch data relay, and Yamal satellites; 1,400+ spacecraft built.

JAVAD GNSS

United States · 2007 · 1 product

American GNSS technology company manufacturing high-precision positioning receivers for surveying, geodesy, and machine control applications.

LIG Nex1

South Korea · 1 product

South Korean defense and aerospace electronics company developing advanced precision weapons systems, electronic warfare equipment, and space technology for the Republic of Korea Armed Force

Nautilus Navigation in Space

Israel · 2021 · 1 product

Nautilus Navigation in Space designs autonomous Guidance, Navigation, and Control (GNC) sub-systems, provides Flight Dynamics as a Service, and develops ground testing equipment for space mi

NewSpace Systems (NSS)

South Africa · 2 products

NewSpace Systems (NSS) manufactures spacecraft components and sub-systems, focusing on Guidance, Navigation, and Control (GNC) products for commercial spacecraft manufacturers globally.

Pumpkin, Inc.

United States · 1995 · 1 product

San Francisco-based manufacturer of flight-proven CubeSat kits, SUPERNOVA nanosatellite buses, and spacecraft power/electronics components, with over 150 kits delivered and dozens of success

QinetiQ Space

United Kingdom · 2001 · 1 product

British defence technology company delivering mission-critical space capabilities — domain awareness, secure communications, PNT, electric propulsion, and test & evaluation — with over half

Rakon Limited

New Zealand · 1967 · 1 product

Global leader in frequency control and timing solutions — space-qualified oscillators, GNSS receivers and S-band transceivers — with 40+ years of flight heritage.

RoInSpace (RISE, Romanian InSpace Engineering)

Romania · 2015 · 2 products

Romanian space engineering company developing CubeSat components, satellite subsystems, and space engineering services for European commercial and institutional space missions.

Safran Electronics Defense Space

France · 1 product

Safran Electronics & Defense designs and produces high-tech equipment and services for civil and military aerospace, defense, and space applications, including solutions for sovereign space

SkyFox Labs s.r.o.

Czech Republic · 2014 · 2 products

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

SkyLabs d.o.o.

Slovenia · 2013 · 1 product

SkyLabs is a Slovenian space-technology company that designs and manufactures miniaturized, fault-tolerant on-board data handling, communications, power, ADCS/GNC and EGSE equipment for smal

Spacemanic s.r.o.

Slovakia · 2017 · 1 product

Slovak-Czech full-service nanosatellite mission provider offering CubeSat platforms (1U-16U), onboard subsystems, rideshare launch integration, and ground segment services.

SpacePNT

Switzerland · 3 products

SpacePNT SA is a GNSS receiver maker for the New Space satellite market. They deliver decimetre-level positioning and timing accuracy for single satellites and LEO constellations and highest

SPUTNIX

Russia · 2011 · 2 products

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

SSTL (Surrey Satellite Technology)

United Kingdom · 1985 · 2 products

SSTL designs, builds, tests, and operates small satellites, pioneering the use of COTS components and having launched approximately 70 satellites for 22 countries.

Syrlinks

France · 2011 · 1 product

Developer of miniaturized RF communication subsystems for small satellites, including X-band transmitters, S-band transceivers, GNSS receivers, and spectrum monitoring payloads. Now a divisi

Taoglas

Ireland · 2004 · 3 products

Global antenna design house specializing in GNSS, NTN (Non-Terrestrial Network), and IoT connectivity antennas. Space-qualified GNSS antennas flight-proven on the EIRSAT-1 CubeSat mission.

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.

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