



Orbit Communication Systems

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as of 20 August 2026



Orbit Communication Systems

Orbit Communication Systems Ltd. is a global provider of airborne communications, satellite-tracking, maritime, ground-station, and new space solutions serving commercial operators, major air forces, navies, space agencies, and emerging New Space companies. The company is headquartered at 8D Hatzoran St., Netanya, Israel, and is a subsidiary of Kratos Defense & Security Solutions Inc. Orbit's product portfolio spans business aviation SATCOM terminals (AirTRx series), airborne audio management systems (Orion, ADAMS NexGen, Radio Gateway), stabilized maritime SATCOM antennas (OceanTRx 4 and OceanTRx 7), Earth observation and telemetry ground stations (the Gaia series), electronically steerable antennas (OrBeam series), and telemetry, tracking and command (TT&C) systems for LEO, MEO and GEO missions. Beyond its Israeli headquarters, Orbit maintains production and support operations through a Florida, USA division (716 South Military Trail, Deerfield Beach, FL 33442) and an Asia-Pacific office in Singapore, supporting customers across the Americas, Europe, and the Far East. The company also develops innovations such as 3D Audio technology, Electronically Steerable Satellite (ESA) antennas, and Compact Tactical SATCOM terminals for the evolving new space and defense communications markets. Orbit serves both commercial markets (business aviation, cruise/oil & gas maritime, Earth observation) and government/defense markets (mission aircraft, fighters and trainers, UAS, naval maritime communications, land mobile communications, and ground stations for position tracking and telemetry).

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Customer Service

Orbit provides customer service to ensure systems remain mission-ready throughout their lifecycle, offering global support and tailored service models.

System Refurbishment, Upgrade & Maintenance Program

Orbit offers refurbishment and upgrade services for telemetry and tracking systems to extend their lifespan, enhance functionality, and preserve investment.

Product catalogue



ORBIT COMMUNICATION SYSTEMS

AirTRx 30Ka Business Aviation SATCOM

The AirTRx family delivers reliable, high-speed connectivity across a range of midsize, super midsize (SMS) and large business jets. It serves VIP transportation, private jets, gov

price on request



ORBIT COMMUNICATION SYSTEMS

Audio Management Systems (Orion™, ADAMS NexGen, Radio Gateway)

This page describes three audio management systems: Orion™ for airborne audio, ADAMS NexGen for large crew special mission aircraft, and Radio Gateway for Unmanned Air Systems (UAS)

- Orion™ FeaturesPatented Dual IP Ring topology
- Orion™ Features3D Audio
- Orion™ FeaturesAdaptive Noise Reduction™
- Orion™ FeaturesVoice-Activated Detection™
- Orion™ FeaturesSoftware-Defined Radio (SDR) support
- Orion™ FeaturesOperation via touchscreen or third-party control panels
- Orion™ FeaturesIncremental scalability and flexibility

price on request datasheet



ORBIT COMMUNICATION SYSTEMS

Electronically Steerable Antenna (ESA) OrBeam 5534

The OrBeam 5534 is a Ka-Band and Ku-Band Electronically Steerable Antenna (ESA) designed for high-speed, reliable multi-orbit (GEO, MEO, LEO) communication across various mobile pl

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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	Real 3-axis system – EL, Tilt and AZ – for greater availability and reliability
Gaia™ 100 Features	Heavy duty by design for multi mission operation
Gaia™ 100 Features	Cloud connectivity ready
Gaia™ 100 Features	Built-in, step-track-based Advanced Control Loop, for superior performance
Gaia™ 100 Features	Innovative GaiaLink™ software, for ease of integration and operation
Gaia™ 100 Features	Radome covered, for anytime/anywhere operation

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ORBIT COMMUNICATION SYSTEMS

OceanTRx 4 and OceanTRx 7 Maritime SATCOM Terminals

The OceanTRx 4 and OceanTRx 7 are rugged, stabilized maritime SATCOM terminals providing broadband connectivity for commercial and offshore vessels, supporting multiple frequency b

OceanTRx 4 Bands	X, Ku, Ka and wideband Ka
OceanTRx 4 Operation	Optional single- or dual-band simultaneous operation
OceanTRx 4 Connectivity	Worldwide connectivity over GEO, MEO and LEO satellites
OceanTRx 7 Antenna System Configurations	2.2m stabilized maritime antenna system configurations
OceanTRx 7 Frequency Bands	C, X, Ku and Ka (wideband and 03b)
OceanTRx 7 Connectivity	Seamless global coverage

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[datasheet](#)

Contact Orbit Communication Systems

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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