

NEWSPACE MARKET · COMPANY PROFILE



IQ Spacecom

founded 1999 · iq-spacecom.com

9

PRODUCTS

1

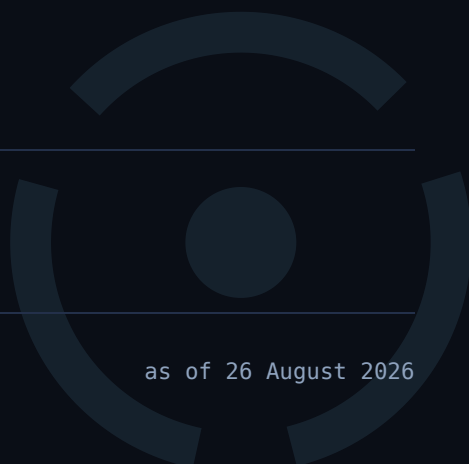
SERVICES

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WITH DATASHEETS

newspacemarket.com/companies/iq-spacecom-iqs/

as of 26 August 2026



IQ Spacecom

IQ Spacecom designs and manufactures high-performance radio communication solutions for small satellites, including CubeSats. Their product lines include the XLink SDR Platform, which is an advanced Software Defined Radio (SDR) transceiver system available in various configurations for small and large satellites. They also produce Patch Antennas, offering single, dual patch, and high gain antennas in different bandwidths to meet custom frequency, size, and pattern requirements. Another product is the Gigabit Ethernet (GbE) Space Switch, a compact device for small satellite applications that can manage up to 5 Ethernet-connected systems. Additionally, they provide Ground Equipment, including a ground modem (WORK Microwave) and a ground converter unit. Their solutions are used for applications such as Intersatellite links and IoT networks. IQ Spacecom is a business unit of IQ Technologies for Earth and Space GmbH, which was established 25 years ago. The company is headquartered in Berlin, Germany, where its technological innovations are researched, developed, manufactured, and tested. IQ Technologies for Earth and Space GmbH has more than 50 employees across its two divisions. Their XLink-S SDR transceiver is on board Artemis II, and XLink transceivers are used in the SIGI Mission, which has surpassed one year of operation. The company is joining the German Aerospace Industries Association.

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

Go.BIC Service

Go.BIC is a flexible service enabling LEO operators to request L-Band capacity within Viasat's global GEO satellite network for bidirectional communication.

Product catalogue



IQ SPACECOM
Gigabit Ethernet (GbE) Space Switch

The Gigabit Ethernet (GbE) Space Switch is a managed Ethernet switch with up to 5 ports, ideal for mounting in small satellite structures and compatible with the XLink SDR transceiver.

Ports	up to 5
Mass	150 grams
Volume	< 0.2 U
DC supply voltage	9-36V
Power consumption	3.5 W typ.
Temperature range	-20°C ... +60°C
Ethernet Interface	10/100/1000 Mbit/s

price on request



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
Power	65 VA / 45 W
Dimensions	483 x 44 x 505 mm ³

price on request [datasheet](#)



IQ SPACECOM

IQ Spacecom X Link-X

The IQ Spacecom X Link-X is an advanced X-band software-defined radio (SDR) transceiver system for small satellites in LEO, offering high-speed bidirectional communication with dat

X band tx operation	8.025-8.400 GHz
X band rx operation	7.145-7.250 GHz
S band rx operation	2.025-2.110 GHz
Operational mode	FDD/Full duplex/ Half duplex
Data rate sat2ground	2 kbps... 200 Mbps
Data rate ground2sat	56 kbps+
Linear RF output power	Up to + 30 dBm (2x up to + 27 dBm)

flight proven · TRL 9 price on request

[datasheet](#)



IQ SPACECOM

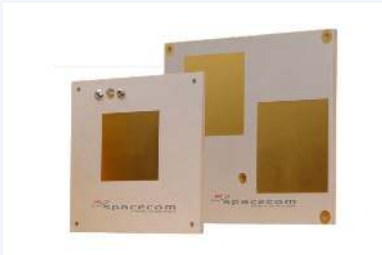
Patch Antennas

Flight-proven, customizable patch antennas for CubeSat and small satellite Rx/Tx radio links, available in S-Band, X-Band and L-Band configurations.

Flight heritage / maturity	Flight proven design (TRL 9)
Polarization	Circular polarization (RHCP & LHCP)
Design	Exceptionally flat and robust, ultra-small shape integrating with CubeSat outer structure
Variants	Single patch antennas, Dual patch antennas, High gain antennas
Frequency bands	S-Band, S-Band High Gain, X-Band, X-Band High Gain, L-Band
S-band	Single patch antennas for different center frequencies; dual patch antennas with one patch
S-band high gain	High gain S-Band antennas for LEO missions

flight proven · TRL 9 price on request

[datasheet](#)



IQ SPACECOM

S-Band Patch Antenna RHCP for HISPICO

This is an S-Band patch antenna with Right-Hand Circular Polarization (RHCP) specifically designed for the HISPICO S-Band transmitter system.

Manufacturer	IQ Spacecom
Lead time	4 months

price on request



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



IQ SPACECOM

S-Band Transmitter for Pico and Nanosatellites

The HISPICO Transmitter is a highly integrated S band transmitter with special focus in design and testing for Pico and Nano satellite applications. Its design consists of 2 main...

Manufacturer	IQ Spacecom
Lead time	4 months

€6 500



IQ SPACECOM

XLink

XLink is a flight-proven, software-defined radio (SDR) transceiver platform for small satellites, supporting X-, S-, L- and Ka-band links with CCSDS and DVB-S2 protocols.

Flight heritage	Flight proven design (TRL 9)
Interfaces	Gigabit Ethernet; RS422 (SPI, UART, CAN)
Protocols	CCSDS and DVB-S2
Downlink/telemetry and payload data rate	up to 200 Mbps
Uplink/telecommand data rate	up to 1024 kbps
Frequency bands supported	X-, S-, L- and Ka-band
Xlink-x	Optional two separate Tx channels and S-Band Rx channel, for increased transmit power or r

price on request



IQ SPACECOM

XLink SDR Transceiver

XLink is a flexible and flight-proven Software Defined Radio (SDR) transceiver platform for small satellites, offering high reliability through COTS components and supporting multi

Flight proven design	TRL 9
Interface	Gigabit Ethernet, RS422 (SPI, UART, CAN)
Protocols	CCSDS, DVB-S2
Downlink/telemetry and payload data rates	up to 200 Mbps
Uplink/telecommand data rates	up to 1024 kbps
Supported communication links	X-band, S-band, L-band, Ka-band
Xlink-x optional features	Two separate Tx channels (for increased transmit power or redundancy), S-Band Rx channel

flight proven · TRL 9

price on request

Contact IQ Spacecom

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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