

NEWSPACE MARKET · COMPANY PROFILE



Geespace

China · founded 2018 · geespace.com

12

PRODUCTS

newspacemarket.com/companies/geespace/

as of 23 August 2026

A large, faint, stylized circular graphic in the bottom right corner, consisting of concentric arcs and a central circle, resembling a target or a stylized 'G'.

Geespace

Geespace (时空道宇) is a global satellite communications service provider dedicated to the construction and operation of a low Earth orbit (LEO) communication constellation. Founded in 2018 as part of Zhejiang Geely Holding Group, the company is committed to building a globally connected satellite communications network and delivering highly reliable satellite communication services to users worldwide, using a fully autonomous and controllable technology stack and large-scale global operational capabilities. Geespace independently designs, develops, deploys and operates the GEESATCOM LEO satellite Internet of Things (IoT) constellation. From 2022 to 2025 the company completed six consecutive satellite launch campaigns, achieving full deployment of Phase I of the constellation and 24-hour coverage of roughly 90% of the globe. The company also operates the Geely Satellite Super Factory, a high-volume, automotive-style satellite AIT production line built and commissioned in 2021 with a stated capacity of up to 500 satellites per year. On the applications side, Geespace provides commercial satellite IoT communication services and hardware (chips, modules, terminals, antennas and handsets) to industries including intelligent connected vehicles, marine fisheries, construction machinery, low-altitude mobility, emergency communications, transportation and logistics, energy, water conservancy, agriculture and forestry. In 2023, together with Zeekr, Geespace brought satellite communication to production passenger vehicles for the first time in China (Zeekr 001 FR), and has since expanded satellite messaging/calling and high-precision positioning services to additional Geely-group vehicle models. Geespace is led by CEO and scientist Tony Wang (Ph.D.), formerly of Huawei and the Inn

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.

Product catalogue



GEESPACE

GA080L Geesatcom Satellite Antenna

The GA080L Geesatcom Satellite Antenna is a compact, linearly polarized rod-type antenna designed for GEESATCOM satellite communication, suitable for portable devices.

Supports	GEESATCOM satellite communication
Antenna type	Rod-type antenna with a compact and durable structure
Max. input-power restriction	5 W
Dimensions	Ø18mm x 85 mm

price on request



GEESPACE

GA120C Geesatcom Satellite Antenna

The GA120C Geesatcom Satellite Antenna is an integrated transmit-and-receive antenna designed for stable and continuous reception and transmission of GEESATCOM satellite signals, s

Supports	GEESATCOM satellite communication
Technology	LDS technology with 3D-structured antenna
Max. input-power restriction	≤5W
Dimensions	130mm×130mm×33mm

price on request



GEESPACE

Geesatcom Compact (GT1003)

Dual-mode satellite/LTE Cat 1 tracker for vehicles, machinery and drones.

Supported network	GEESATCOM satellite communication + LTE Cat 1 dual-mode with automatic switching
GNSS	Dual-band, 1.5m CEP accuracy
Battery	External power + built-in battery, 30 days standby (4 reports/day)
Interfaces	RS232, RS485, Bluetooth BLE, I/O expansion
Protection rating	IP67, salt-fog and corrosion resistant
Dimensions	157.7 mm x 147 mm x 47.5 mm

price on request



GEESPACE

Geesatcom DTU

The Geesatcom DTU is a highly integrated, high-performance, and reliable satellite communication unit that provides satellite data transmission and GNSS positioning in areas without

Dimensions	Φ=280mm, H=239mm
Protection rating	IP67

price on request



GEESPACE

Geesatcom Handset (GH1001)

A rugged, fully integrated satellite handset combining GEESATCOM satellite communication, dual-band GNSS positioning, and emergency alerting in a single portable device.

Feature 1	Supports GEESATCOM satellite communication
Feature 2	Supports dual-band GNSS positioning with 2m CEP accuracy
Feature 3	Supports location reporting, emergency alerts, and information exchange
Feature 4	Equipped with data storage and reporting capabilities
Feature 5	Supports PD fast charging protocol, with reverse charging capability
Feature 6	Standby time of at least 30 days
Feature 7	Supports Bluetooth Low Energy (BLE) communication

price on request



GEESPACE

Geesatcom Pad

Geesatcom Pad is a highly integrated handheld terminal that combines GEESATCOM satellite communication and full 4G network connectivity in a compact form factor designed to be easy

Satellite communication	Supports GEESATCOM satellite communication
Cellular connectivity	Supports 4G full network connectivity
Positioning	Supports GPS, GLONASS, BeiDou positioning, or BeiDou-only positioning
Display	10.95-inch FHD high-definition display
Battery	8000 mAh high-capacity battery
Rear camera	13MP
Front camera	8MP

price on request



GEESPACE

Geesatcom Solar (GT1002)

Solar-powered maintenance-free satellite terminal for marine and outdoor monitoring.

Supported network	GEESATCOM satellite communication
GNSS	BDS B1 and GPS L1 compatible
Sos	Physical one-touch SOS alert
Standby	30 days under cloudy/rainy conditions (<=4 reports/day); service life >=5 years
Interfaces	RS485, Bluetooth BLE, I/O expansion
Protection rating	IP67, salt-fog and corrosion resistant
Dimensions	<=230mm x 140 mm x 46.7 mm (L x W x H)

price on request



GEESPACE

GM1003

GM1003 is a highly integrated, low-power satellite communication module that connects to the GEESATCOM satellite network, designed for rapid integration into automotive OEM product

Feature	Supports GEESATCOM satellite communication
Feature (2)	Meets automotive OEM requirements
Feature (3)	Supports active antennas for flexible antenna placement
Operating temperature	-40 to +85°C
Average power consumption	350 mW
Peak power	≤1.3W
Dimensions	34mm×48mm×3.6mm, stamp-hole package

price on request

GEESPACE

GM1001

GM1001 is a dedicated satellite communication module for GEESATCOM. It integrates the GEESATCOM satellite communication chip, power amplifier, low-noise amplifier, and other functi

Supported network	GEESATCOM satellite communications
Integration	Integrates satellite communication chipset, power amplifier, low-noise amplifier, and othe
Operating temperature	-40°C to +85°C
Average power consumption	300 mW
Peak power	≤10W
Dimensions	30mm×35mm×3.5mm
Package	LCC

price on request



GEESPACE

GSP2022 GEESATCOM Satellite Communication Chip

The GEESATCOM GSP2022 satellite communication chip leverages an industry-leading 22nm manufacturing process, specifically designed for satellite communication and navigation. It in

Process technology	22nm
Processor	ARM Cortex-A7
Design	RF and baseband integrated SoC
RF architecture	High-linearity, anti-interference
Dimensions	4 mm x 4 mm
Package	WLCSP
Power consumption	120 mW

price on request



GEESPACE

GT1005 Space-Time Capsule Positioning Terminal Assembly

A highly integrated satellite positioning and communication terminal that bundles a space-time-capsule communication module, GNSS receiver, main control unit, antenna, sensors and

Communication	Supports space-time capsule built-in communication
GNSS positioning	Supports GNSS positioning, receives BDS B1 and GPS L1 signals
Wired/wireless interfaces	Supports RS232, RS485, and Bluetooth BLE communication functions
Ingress protection	IP67, dust-proof, water-proof, and drop-proof protection
Mounting	Supports magnetic attachment and screw fixing
Design	Integrated whole-unit design, simple installation, convenient operation
Component grading	Supports component-level grading

price on request

GEESPACE

Low-Altitude Flight Solution

Geespace's low-altitude flight solution leverages a low-Earth orbit satellite IoT network to create a fully-covered, intelligent low-altitude connectivity base, supporting various

price on request

Contact Geespace

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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<https://www.geespace.com>