

NEWSPACE MARKET · COMPANY PROFILE



Taoglas

Ireland · founded 2004 · taoglas.com

7

PRODUCTS

4

SERVICES

6

WITH DATASHEETS

newspacemarket.com/companies/taoglas/

as of 20 August 2026



Taoglas

Taoglas is a global antenna design and manufacturing company, headquartered in Dublin, Ireland, founded in 2004. The company designs antennas for GNSS, cellular, Wi-Fi, Bluetooth, NTN (Non-Terrestrial Network), and custom RF applications across consumer electronics, automotive, industrial IoT, and space sectors. In the space domain, Taoglas developed the AGGP.25A.07.0100A space-qualified active GNSS patch antenna, which was selected for and flew on EIRSAT-1 — Ireland's first national satellite, launched in December 2023. This flight heritage demonstrates Taoglas's capability to qualify commercial antenna technology for the LEO radiation environment and thermal cycling conditions. Tagolas has expanded its portfolio to support Non-Terrestrial Network (NTN) 5G standards, designing antennas that combine GNSS positioning with direct-to-satellite IoT connectivity in a single device. The company serves OEM manufacturers integrating Iridium Certus, Globalstar, and 3GPP NTN-capable satellite IoT modules into tracking and monitoring products. With engineering centres in Ireland, the USA, Germany, Taiwan, and China, Taoglas maintains a global antenna design and manufacturing network with short customization lead times for high-volume OEM customers.

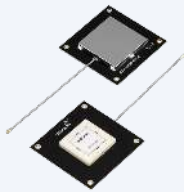
This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Audio Design Services Taoglas offers full Audio Design services to help customers integrate their audio products into devices.	Complete RF Testing & Validation Taoglas offers complete RF testing and validation services, from antenna tuning to carrier pre-certification, to optimize connected product performance.
Custom Design Services Taoglas offers custom design services for antennas and IoT components to help customers bring connectivity solutions to market efficiently.	Performance Testing and Regulatory Compliance Taoglas assists with performance testing, certifications, and overall regulatory compliance for IoT and connectivity applications.

Product catalogue



TAOGLAS

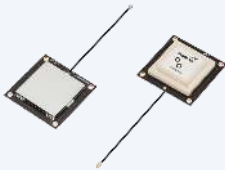
AHP5354A Active Multiband L1/L5 GNSS High Precision Patch Antenna

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)
Dimensions	35 x 35 x 10 mm
Cable	100 mm, 1.37 mm micro coax

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
Minimum Operating Temperature (°C)	-40
Maximum Operating Temperature (°C)	85

price on request

datasheet



TAOGLAS

CGSP457.A GNSS SatCom 1542-1643 MHz 45 x 45 x 7 mm Patch Antenna

The Taoglas CGSP457.A is a high-performance ceramic patch antenna designed for robust and accurate positioning across various GNSS constellations, while also supporting SatCom oper

Technology	Embedded Antennas, GNSS
GNSS Type	Passive GNSS
GNSS Bands	L1/L-Band
Mechanical Style	Patch
Impedance	50
Minimum Operating Temperature (°C)	-40
Maximum Operating Temperature (°C)	85

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



TAOGLAS

IAA.01 Iridium Automotive Magnetic Mount Antenna

The IAA.01 is a high-performance magnetic mount antenna designed for efficient communication with the Iridium® Satellite Communication system, featuring a robust, waterproof housin

Technology	External Antennas, NTN/SatCom
IP Rating	IP67
Impedance	50
Minimum Operating Temperature (°C)	-40
Maximum Operating Temperature (°C)	70
Mounting Style	Magnetic
Termination Style	Connector

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



TAOGLAS

MAT.500A 6-in-1 Integrated Antenna Board

The MAT.500A is a 6-in-1 embedded antenna board combining LTE MIMO, Wi-Fi MIMO, GPS/GLONASS, and Iridium 1621MHz antennas, designed for telematics devices requiring high-speed data

Technology	Embedded Antennas, Combination
GNSS Bands	L1
Wi-Fi Bands	2.4/5.8GHz
Mechanical Style	PCB
Impedance	50
Minimum Operating Temperature	-40 °C
Maximum Operating Temperature	85 °C

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



TAOGLAS

Storm MA410 4in1 Permanent Mount GPS/GLONASS/BeiDou & 2G/3G/4G & 2xMIMO & L-Band 1621MHz Antenna

The Storm MA410 is a low-profile, heavy-duty, IP67 waterproof external M2M antenna combining Global Cellular (4G/3G/2G LTE MIMO), Location (GPS/GLONASS/GALILEO/BeiDou), and Satelli

Technology	External Antennas, Combination
IP Rating	IP67
Impedance	50
Minimum Operating Temperature (°C)	-40
Maximum Operating Temperature (°C)	85
Mounting Style	Screw
Termination Style	Connector

[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
Axial ratio	Around 4 dB
GNSS constellations supported	GPS, Galileo, GLONASS, BeiDou

price on request

Contact Taoglas

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.

<https://newspacemarket.com/companies/taoglas/>

<https://www.taoglas.com>