

NEWSPACE MARKET · COMPANY PROFILE

KYMETA™

Kymeta

United States · founded 2012 · kymetacorp.com

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newspacemarket.com/companies/kymeta/

as of 20 August 2026



Kymeta

Kymeta Corporation is an American satellite communications company founded in 2012 and headquartered in Redmond, Washington. The company is a pioneer in electronically steerable satellite antennas (ESA) based on metamaterial flat-panel technology, enabling satellite connectivity for mobile platforms without mechanical dish antennas. Kymeta's antenna technology allows vehicles, vessels, and aircraft to maintain broadband satellite connectivity via flat, lightweight panels that can be mounted on any surface and electronically point toward satellites without moving parts. This eliminates the reliability issues and size constraints of traditional mechanically steered parabolic dish antennas. The company's u8 and uCPE product lines deliver high-throughput Ku-band satellite connectivity for maritime, ground vehicle, and aviation markets. Kymeta is backed by major investors including Bill Gates through Intellectual Ventures, and has partnerships with Toyota and major satellite operators for integrated mobility connectivity solutions. With its metamaterial-based satellite antenna technology, Kymeta is transforming how mobile platforms access satellite broadband, addressing markets in government and defense, commercial fleet management, and emergency communications where reliable connectivity in remote areas is critical.

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

GEO connectivity tailored to flat-panel antennas

Kymeta offers GEO satellite connectivity services specifically tailored for flat-panel antennas, including plans with TRANSEC access.

Product and network configuration options consultation

Kymeta's sales team assists customers in understanding product and network configuration options and answers questions before connecting them with a reseller.

Training options

Kymeta provides training options, including online and instructor-led courses, to ensure a successful user experience and develop subject matter expertise for their products.

U.S. DoD bundle for multi-network management

Kymeta offers a U.S. DoD bundle providing access and management for multiple satellite and cellular networks, including TRANSEC, within a single plan.

Product catalogue



KYMETA

Electronically Steerable Flat-Panel Satellite Terminal

Kymeta's u8 flat-panel electronically steerable antenna — providing satellite broadband for maritime, land mobile, aviation, and government users without mechanical moving parts.

Technology	Liquid crystal meta-surface waveguide ESA (no moving parts)
Product	u8 flat-panel terminal (roof-mount for vehicle, vessel, aircraft)
Satellites	GEO and MEO (OneWeb, SES 03b mPOWER, Inmarsat compatible)
Advantages	No gimbal, thin/flat form factor, easy installation on mobile platforms
Markets	Military vehicles, maritime, aviation, land mobile, government
Backer	Bill Gates, Inmarsat, SES

price on request



KYMETA

Kestrel u5

A compact, ruggedized flat-panel satellite terminal from Kymeta offering multi-orbit (LEO/GEO) broadband connectivity for military, government, and commercial mobility applications

Volume reduction vs. u8 products	70% less volume
Weight reduction vs. u8 products	68% less weight
Nominal power	100 W
Satellite network compatibility	Multi-orbit (LEO and GEO)

price on request

Contact Kymeta

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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