The Kymeta™ Goshawk u8 Multi-orbit Terminal
for Seamless, Secure Connectivity
On Intelsat's Multi-orbit FlexMove Services

Designed for defense, public safety, government, and enterprise sectors, the Kymeta™ Goshawk u8 terminal enables uninterrupted, secure communications across Intelsat's geostationary orbit (GEO) and Eutelsat OneWeb's low-Earth-orbit (LEO) satellite networks. Engineered for resilience in challenging environments, this terminal provides high-speed, low-latency broadband for mission-critical applications on-the-move or on-the-pause.

When paired with Intelsat's multi-orbit service portfolio, the Goshawk u8 becomes a powerful mobile communications solution—offering global reach, dynamic routing, GNSS-denied capabilities and enhanced redundancy with intelligent satellite and cellular network switching.

## Example Use Cases

Public Safety and First Responders

Public Safety and First Responders

Non-governmental Organizations and Aid Groups

VVIP Vehicles

INTELSAT | KYMETA™ | OneWeb Technologies
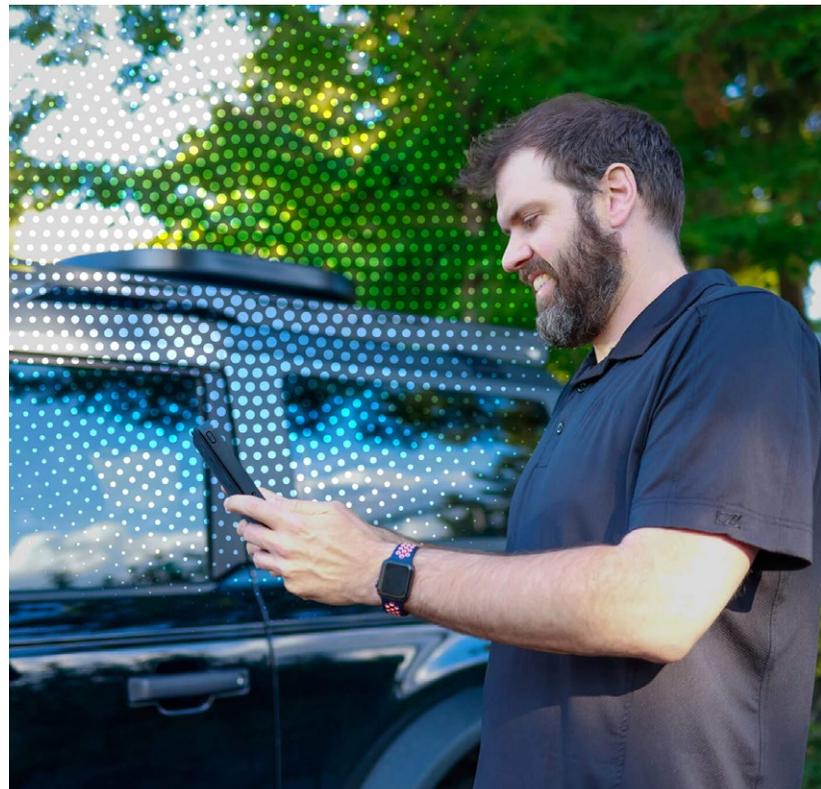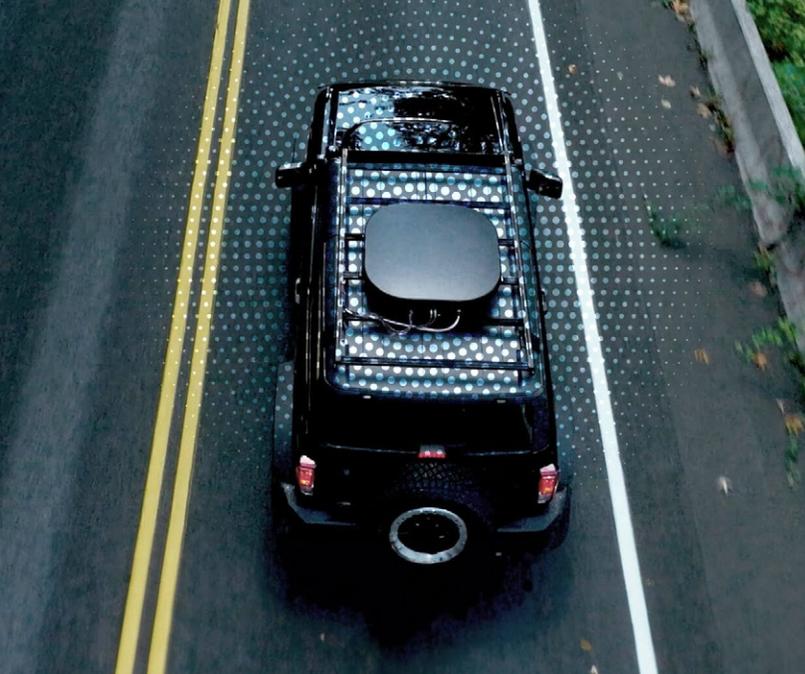
The Kymeta Goshawk u8 Terminal

- Multi-orbit terminal with embedded LEO modem & GEO modem compatibility
- Electronically steered array (ESA) for high-speed connectivity at rest and in motion
- Integrated cellular (LTE-A Pro) and Wi-Fi 6 for hybrid network flexibility
- Throughput up to 195/32 Mbps (LEO) and optimized GEO performance
- Low-profile, ruggedized design for safe and secure communications
- Ease of use, setup, and troubleshooting facilitated by Kymeta Access mobile app

SPECIFICATIONS

ANTENNA TYPE	Flat panel, full duplex, Ku-band ESA
SCAN ANGLES	Azimuth: 360°, Elevation: +15° to +90°
POLARIZATION	Circular or linear (software-defined)
RECEIVE (RX) BAND	10.70 GHz – 12.75 GHz
TRANSMIT (TX) BAND	13.75 GHz – 14.50 GHz
MODEMS	Embedded Eutelsat OneWeb (LEO) External GEO modem compatibility (iDirect, Gilat, Viasat, Comtech, L3)
INTERFACES	Ethernet, Wi-Fi 6, N-type RX and TX IF connections for GEO modems
EXTERNAL GNSS	Ethernet (GEO) or SMA (LEO & GEO)

DIMENSIONS	L 89.5 cm × W 89.5 cm × H 14 cm / L 35.2 in. × W 35.2 in. × H 5.5 in.
WEIGHT	34 kg / 75 lb.
INPUT POWER	12 VDC to 36 VDC or 90–305 VAC (via accessory)
POWER (TYPICAL)	125 W (LEO) / 175 W (GEO)
OPERATING TEMP	–40 °C to +70 °C
STORAGE TEMP	–40 °C to +85 °C
INGRESS PROTECTION	IP66
COMPLIANCE	CE, FCC, RoHS, RED, REACH, RCM, NOM, TELEC, Anatel

ACCESSORIES (Available Separately)

- Vehicle roof rack mounting kit
- AC/DC or –DC/DC power kits
- Fixed and maritime mounting options
- Rugged Go-case with integrated power, tilt and vehicle mounts

Intelsat provides advanced multi-orbit, multi-band, and multi-network SATCOM solutions for mission-critical communications anytime, anywhere, all backed by expert account management and highly secure network operations.

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To learn more, visit **intelsat.com/gov** or contact **gs-salesinquiries@intelsat.com**