The Kymeta™ Hawk u8 LEO for Fast Land Mobile Connectivity

On Intelsat FlexMove LEO Services

Designed for business, industrial, government, and first responder sectors, Kymeta's Hawk u8 LEO terminal delivers high-speed connectivity with low latency even in the most remote locations. Equipped with Kymeta's signature electronically steered array (ESA) antenna, the Hawk™ u8 LEO enables high bandwidth for demanding applications, whether comms-on-the-move, comms-on-the-pause or fixed use.

First Responders and Humanitarian	**Business and Industrial Enterprises**	**Vehicles and Fleets**	**Military and Civil Government**

Intelsat provides a complete and powerful solution by combining the high-reliability of the Kymeta Hawk u8 LEO terminals with the high throughput speeds of FlexMove LEO services operating over the Eutelsat OneWeb Low Earth Orbit (LEO) network. This offers the advantages of both performance and quality - high speed connectivity with low latency and business class service. Available now as part of Intelsat's FlexMove product portfolio for land mobility.

The Kymeta Hawk u8 LEO terminal

- Low profile and easy to use
- Automatically connects to satellites
- Throughput up to 195 Mbps/32 Mbps
- Operates seamlessly while moving at speed

CONNECTED BY

SPECIFICATIONS

The Hawk u8 LEO comes in two models: one with Satellite, LTE, and Wi-Fi, and one with Satellite Only.

ANTENNA TYPE
Flat panel, full duplex, Ku-band, electronically steered holographic beamforming array (ESA) antenna

SCAN ANGLES
Azimuth: 360°, Elevation: +15° to +90°

POLARIZATION
Circular, software-defined

RECEIVE (RX) BAND
10.70 GHz to 12.75 GHz

TRANSMIT (TX) BAND
14.00 GHz to 14.50 GHz

SATELLITE MODEM
Embedded Eutelsat OneWeb

DIMENSIONS
L 89.5 cm × W 89.5 cm × H 14 cm /
L 35.2 in. × W 35.2 in. × H 5.5 in.

INPUT POWER
12 VDC to 36 VDC or 90 VAC to 305 VAC via an accessory

OPERATIONAL TEMPERATURE
-40 °C to +55 °C

STORAGE TEMPERATURE
-40 °C to +85 °C

INGRESS PROTECTION
IP66

COMPLIANCE
CE, FCC, Nemko, WEEE, RoHS

AVAILABLE ACCESSORIES
AC-to-DC power kit

DC power kit for vehicles

Vehicle rack mount

Fixed mount

Go case system: Rugged transport case with built-in AC/DC power kit, vehicle mount, universal clamp mount and tilt mechanism

HAWK U8 LEO (SATELLITE ONLY)
INTERFACES
Ethernet only

WEIGHT
30.1 kg / 66 lb.

POWER (TYPICAL, STEADY STATE)*
95 W

HAWK U8 LEO (SATELLITE, LTE AND WI-FI)
CELLULAR MODEM
600 Mbps (LTE-A Pro) (Global or FirstNet)

INTERFACES
Ethernet & Wi-Fi (802.11b/g/n)

WEIGHT
31.1 kg / 68 lb.

POWER (TYPICAL, STEADY STATE)*
125 W

*Software-controlled peak power draw. User-configurable to a higher threshold for very low-temperature operation.

 INTELSAT®

To learn more about Intelsat FlexMove, visit intelsat.com/land-mobility or contact your local sales representative.

Africa
+27 11-535-4700
sales.africa@intelsat.com

Asia-Pacific
+65 6572-5450
sales.asiapacific@intelsat.com

Europe
+44 20-3036-6700
sales.europe@intelsat.com

Latin America & Caribbean
+1 305-445-5536
sales.lac@intelsat.com

Middle East & North Africa
+971 4-390-1515
sales.mena@intelsat.com

North America
+1 703-559-6800
sales.na@intelsat.com