KYMETA™

HAWK™ u8

Your Only Broadband Connectivity Solution for On-the-go Communications When and Where You Need It in a Single Integrated Platform

HAWK u8

GEO SATELLITE TERMINAL

KEY FEATURES

- EASY INSTALLATION
- LOW POWER (~100 W NOMINAL)
- NATIVE MOBILITY SUPPORT
- HYBRID CELLULAR/WI-FI OPTIONAL
- LOW PROFILE AND LIGHT WEIGHT
- FULL DUPLEX IN SINGLE RX/TX APERTURE

MARKETS

ENTERPRISE

FIRST RESPONDERS

RECREATIONAL MARITIME

TRANSPORTATION

COMMERCIAL FISHING

INDUSTRIAL COMMS ON THE MOVE

HAWK™ u8

SPECIFICATIONS

TERMINAL CONFIGURATION	HAWK u8 GEO ODU	HAWK u8 GEO TERMINAL
Antenna type	Full duplex, single aperture, Ku-band flat-panel antenna, electronically steered holographic beamforming array	
Scan angles	Azimuth: 360°, Elevation: +15° to +90°	
Polarization	Linear, software-defined (circular capable)	
Receive (RX) band	10.70 GHz to 12.75 GHz	
RX performance	G/T (broadside) 9 dB/K to 12 dB/K	
Transmit (TX) band	13.75 GHz to 14.50 GHz	
TX performance	EIRP (broadside) 45.5 dBW to 46.5 dBW	
Cross-pol isolation	≥25 dB (typical)	
Satellite modem	N/A	Embedded iDirect iQ 200
Interfaces	Ethernet	
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	30.8 kg / 68 lb.	30.4 kg / 67 lb.
Input power*	12 VDC to 36 VDC	
Power (typical, steady state)**	85 W	100 W
Operational temperature	-40 °C to +55 °C (ambient) / -40 °C to +70 °C (with solar load)	
Storage temperature	-40 °C to +85 °C	
Ingress protection	IP66	
Compliance	CE, FCC, Nemko, WEEE, RoHS	

GO CONFIGURATION

» Hawk u8 GEO or GEO-LTE terminal

» Rugged transport case with built-in tie-down points and drainage for rapid water egress

» Wheels for easy transportation

» AC-to-DC universal power kit

» Vehicle rack mount

GEO-LTE TERMINAL CONFIGURATION

Hawk u8 GEO terminal with:

» Embedded 600 Mbps (CAT 12) cellular modem

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

» 130 W typical, steady-state power

» Product weight: 31.8 kg / 70 lb.

AVAILABLE ACCESSORIES

» Vehicle rack mount

» Vehicle power kit

» AC-to-DC power kit

KYMETA™ | BROADBAND

Kymeta offers full-service connectivity solution for the u8 product family. Gigabyte packages are available with either satellite or hybrid satellite/cellular services.

* AC input support available via accessory.

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

For more information, contact Kymeta at sales@kymetacorp.com

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KYMETA™

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