

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



NATIVE MOBILITY
SUPPORT



LOW POWER
(~100 W NOMINAL)



LOW PROFILE AND
LIGHT WEIGHT



FULL DUPLEX IN SINGLE
RX/TX APERTURE

MARKETS

ENTERPRISE
TRANSPORTATION

FIRST RESPONDERS
COMMERCIAL FISHING

RECREATIONAL MARITIME
INDUSTRIAL COMMS ON THE MOVE

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 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



AVAILABLE ACCESSORIES

- » Vehicle rack mount
- » Vehicle power kit
- » AC-to-DC power kit

KYMETA™ BROADBAND

Kymeta offers a full-service connectivity solution for the u8 product family. Contact your Kymeta representative for more information.

* 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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