

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

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## KEY FEATURES

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EASY INSTALLATION



NATIVE MOBILITY  
SUPPORT



LOW POWER  
(~100 W NOMINAL)



LOW PROFILE AND  
LIGHT WEIGHT



FULL DUPLEX IN SINGLE  
RX/TX APERTURE

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## MARKETS

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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™**

B R O A D B A N D

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](mailto:sales@kymetacorp.com)

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