



HAWK[™]
u8

YOUR ONLY BROADBAND **CONNECTIVITY** SOLUTION FOR
ON-THE-GO COMMUNICATIONS WHEN AND WHERE YOU
NEED IT IN A SINGLE **INTEGRATED** PLATFORM



KEY FEATURES

- Easy installation
- Native mobility support
- Low profile and light weight
- Low power (<100 W nominal)
- Hybrid cellular / Wi-Fi optional
- Single RX/TX aperture in full duplex
- GEO configured and LEO convertible

MARKETS

- Energy
- Enterprise
- Transportation
- First Responders
- Commercial Fishing
- Recreational Maritime
- Industrial Comms on the Move

TERMINAL CONFIGURATION	GEO	GEO-LTE
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) 9.5 dB/K to 12 dB/K	
Transmit (TX) band	13.75 GHz to 14.50 GHz	
TX performance	EIRP (broadside) 46 dBW to 46.5 dBW	
Cross-pol isolation	≥25 dB	
Satellite modem	Embedded iDirect iQ 200	
Cellular modem	N/A	600 Mbps (CAT 12) (Global or North America and public safety configurations)
Interfaces	Ethernet	Ethernet & Wi-Fi (802.11 b/g/n)
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	33 kg / 72 lb.	34 kg / 75 lb.
Input power**	12 VDC to 36 VDC	
Power (typical, steady state)***	70 W	98 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 terminal
- » Rugged transport case with built-in tie-down points and support for rapid water ingress
- » Tilt mechanism for COTP deployments
- » AC-to-DC universal power kit
- » Vehicle mount

AVAILABLE ACCESSORIES

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


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



*Specifications as of 19 May 2022. Subject to change.

**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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