KYMETA™

HAWK™ u8

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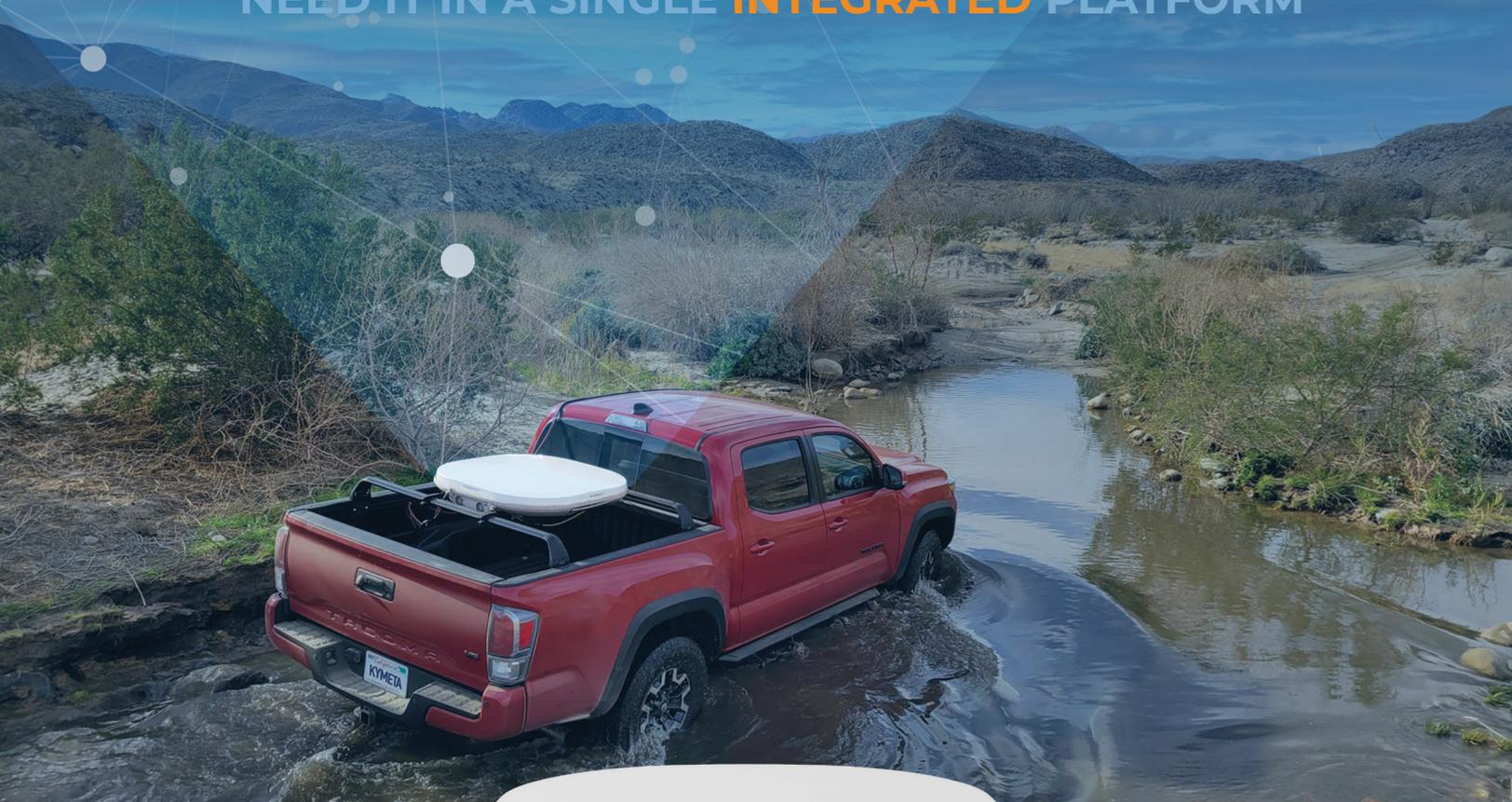
KEY FEATURES

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

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 or GEO-LTE 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

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 mount kit

» 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.

*Specifications as of October 2023. 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

12277 134th Ct. NE, Redmond, WA 98052, USA | Phone: +1.425.896.3700 | www.kymetacorp.com

700-00230-000 rev F