



EXPEDITION  
COMMUNICATIONS

# KYMETA HAWK™ U8

FLAT PANEL SATELLITE ANTENNA



The HAWK u8 Comms-on-the-Move (COTM) Ku-band terminal is a complete connectivity solution providing on-the-go communications when and where you need it. The HAWK u8 terminal is designed with Kymeta's signature electronically steered, software-defined technology. This low profile, aerodynamic antenna mounts easily on vehicles to provide a seamless hybrid satellite/cellular connectivity.

## A Low-Profile, Global High-Throughput Satellite Solution for Communications-on-the-Move

- Installed on a vehicle or mobile platform and designed to operate at high-speeds
- Ubiquitous, always-on connectivity services
- Up to 10x faster than Mobile Satellite Services (MSS) at a fraction of the cost
- Hybrid connectivity with integrated LTE capability

The HAWK u8 Ku-band terminal, equipped with Kymeta's software-defined technology, offers an efficient connectivity solution with its easily mountable, aerodynamic antenna, ensuring seamless on-the-go hybrid satellite/cellular communications.



Robust design suitable for a wide range of land mobility environments



Always-on connectivity with multi-WAN satellite and cellular configuration



## HAWK u8 Ku-band Satellite Terminal

- Simple power-on startup and autoacquisition for easy operation
- iDirect iQ 200 and multi-WAN device with global LTE support
- Low power consumption with native DC operation
- Fast tracking, on-the-move connectivity for mobile broadband
- Over-the-air (OTA) software updates
- Complete Ku-band coverage providing maximum reach and performance



## Specifications\*

### ANTENNA TYPE

HAWK u8 GEO Terminal with integrated LTE capability

### DIMENSIONS

W 89.5 cm × D 89.5 cm × H 14 cm

### TOTAL WEIGHT

34 kg (75 lb.)  
Includes modem, hybrid card

### FREQUENCIES

TX 13.75 - 14.5 GHz  
RX 10.7 - 12.75 GHz

### POLARIZATION

Vertical and horizontal, software defined  
(circular with software upgrade)

### EIRP

Up to 46.5 dBW with 20 W BUC

### SCAN ANGLES

Az 360°, El +15° to +90°

### G/T BROADSIDE

9.5 dB/K to 12 dB/K

### POWER CONSUMPTION (WITH INTEGRATED MODEM)

130 W (typical)  
250 W (peak)\*\*

### DC INPUT POWER

12 VDC to 36 VDC max

### NETWORK INTERFACE

Ethernet, Wi-Fi

### RF CABLES

N-type connectors

### CERTIFICATIONS IN PROGRESS

CE, UL, RoHS, FCC

### OPERATIONAL TEMPERATURE

-40° C to +55° C (ambient)  
-40° C to +70° C (with solar load)

### AVAILABLE CONFIGURATION

u8 antenna with integrated antenna control unit and power supply

iDirect iQ 200 and multi-WAN device with either Global LTE or LTE Band 14 configuration

RF chain with 20 W low-profile BUC Shroud

### AVAILABLE ACCESSORIES

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

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

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



✉ sales@expeditioncommunications.com

🌐 www.expeditioncommunications.com

☎ +1 (877) 410 - 8101

📍 Carlsbad, California (HQ)  
Atlanta, Georgia  
San Juan, Puerto Rico  
Tegucigalpa, Honduras

