

Connected Mobility with the Innovative **HAWK™ u8 Terminal**

Powered by Intelsat FlexMove



A low-profile, electronically steered satellite terminal for global high-throughput communications-on-the-move.

- Installed on a vehicle or other moving assets, designed to operate while moving at speed
- Ubiquitous, always-on connectivity services
- Up to 10x faster than Mobile Satellite Services (MSS) at a fraction of the cost
- Models available with LTE, Multi-WAN and WiFi capabilities

The HAWK u8 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 array antenna and software-defined technology. This low profile, aerodynamic antenna mounts on vehicles to provide seamless connectivity.



Robust design suitable for a wide range of land mobile applications



Always-on connectivity
Optional global LTE service

As the world's first high-throughput satellite (HTS) service for land mobility, **FlexMove** enables global, resilient, on-demand connectivity where other forms of communications fail or are non-existent.



Powered by Intelsat's global HTS and wide beam global Ku-band network



Redundant, highly reliable network connectivity providing 99.999% network reliability for mission-critical use





HAWK u8 Ku-band satellite terminal:

- Automatically connects & stays connected
- Embedded iDirect iQ200 modem
- Option for model with LTE, multi-WAN & WiFi
- Low power consumption
- Fast tracking, on-the-move broadband service
- Global Ku-band coverage
- Over-the-air (OTA) software updates

SPECIFICATIONS*

ANTENNA TYPE

Electronically Steered Antenna (ESA)

DIMENSIONS

W 89.5 cm × D 89.5 cm × H 14 cm

TOTAL WEIGHT

34 kg (75 lb.) with modem

68 kg (150 lb) in Go case

FREQUENCIES

TX 13.75 - 14.5 GHz

RX 10.7 - 12.75 GHz

POLARIZATION

Vertical and horizontal, software defined

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 INTERFACES

Ethernet LAN (RJ45)

WiFi Only on Sat/LTE models

RF CABLES

N-type connectors

CERTIFICATIONS

FCC, CE, RCM/ACMA, Anatel, UL,

WEEE, RoHS, RED

OPERATIONAL TEMPERATURE

-40° C to +55° C (ambient)

-40° C to +70° C (with solar load)

AVAILABLE CONFIGURATIONS

Satellite Only (U8901-10113-0) includes integrated IQ200 modem and supports multiple VLANs

Satellite/LTE (U8911-11113-0) includes integrated IQ200 modem, WiFi, global LTE & multi-WAN support

ODU model made for external modems only

OPTIONAL ACCESSORIES

U8 vehicle mount kit

U8 vehicle power kit with 25' cables

AC-to-DC power kit for internal use

GO rugged transport case includes AC/DC power, 25° tilt mechanism & integrated vehicle mount

* Specifications as of February 16, 2024. Subject to change.

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

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To learn more about IntelSat FlexMove, visit intelsat.com/land-mobility or contact your local sales representative.

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