

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



**KEY FEATURES**   **MARKETS**

- |                                      |                              |
|--------------------------------------|------------------------------|
| Easy installation                    | Energy                       |
| Native mobility support              | Enterprise                   |
| Low profile and light weight         | Transportation               |
| Low power (<100 W nominal)           | First Responders             |
| Hybrid cellular / Wi-Fi optional     | Commercial Fishing           |
| Single RX/TX aperture in full duplex | Recreational Maritime        |
| GEO configured and LEO convertible   | Industrial Comms on the Move |

| SPECIFICATION                    | 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)<br>(Global or North America and public safety configurations) |
| Interfaces                       | 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 max   |   |
| 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, Salt fog   |   |

**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

**KYMETA™ | BROADBAND**

Kymeta offers full-service connectivity solutions for the Hawk u8. By-the-gigabyte packages are available with either satellite or hybrid satellite/cellular capacity.

\*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.

