



# KYMETA™ U8

FLAT-PANEL SATELLITE TERMINAL

**A complete connectivity solution ready to provide on-the-go communications when and where you need it.**

The new Kymeta™ u8 terminal provides a complete connectivity solution for on-the-go communications when and where you need it. Redesigned with Kymeta's revolutionary software defined, electronic beam steering technology, the u8 terminal is low profile, mounting easily on vehicles and vessels. Kymeta™ terminals and flyaway systems deliver connectivity in a single integrated platform.

IP Access has certified the u8 terminal to perform on our multi-satellite network and newly introduced hybrid-based First Responder Net service. With the fastest available speeds in the United States and a combined Satellite and Cellular service offering, you can receive the best possible connection no matter where you are.



### DESIGNED FOR MOBILITY

Low profile, aerodynamic design, native DC power input, and a family of accessories simplify vehicle and vessel integration.



### ALWAYS-ON CONNECTIVITY

A multi-WAN architecture leverages the best of satellite and cellular networks to provide seamless communication via an integrated WiFi access point\* while on the move.



### CLOUD-ENABLED SOLUTIONS

Access to terminal metrics, edge content, and connectivity management tools available via a cloud-based portal and app.



### LEO EXPANDABLE

The LEO-compatible antenna offers a future-proofed platform that can be converted to a LEO configuration when available.



The u8 is based on Kymeta's industry leading, electronically steered antenna and mounts easily on vehicles and vessels to provide seamless satellite or hybrid satellite/cellular connectivity.

| TERMINAL TYPE                   | OneWeb   | OneWeb-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                    | Circular, software-defined   |   |
| Receive (RX) band               | 10.70 GHz to 12.75 GHz   |   |
| RX throughput                   | Up to 195 Mbps   |   |
| Transmit (TX) band              | 14.00 GHz to 14.50 GHz   |   |
| TX throughput                   | Up to 32 Mbps  |   |
| Satellite modem                 | Embedded OneWeb  |   |
| Cellular modem                  | N/A  | 600 Mbps (LTE-A Pro)<br>(Global or FirstNet configurations) |
| Interfaces                      | Ethernet   | Ethernet & Wi-Fi (802.11b/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                          | 30.1 kg / 66 lb.   | 31.1 kg / 68 lb.  |
| Input power                     | 12 VDC to 36 VDC or 90 VAC to 305 VAC via an accessory   |   |
| Power (typical, steady state)** | 95 W   | 125 W   |
| Operational temp                | -40 °C to +55 °C   |   |
| Storage temp                    | -40 °C to +85 °C   |   |
| Ingress protection              | IP66   |   |
| Compliance                      | CE, FCC, Nemko, WEEE, RoHS   |   |

**ALL TERMINAL VERSIONS ARE ALSO AVAILABLE IN GO CONFIGURATIONS**



- » AC-to-DC power kit
- » u8 DC power kit
- » Fixed mount
- » Vehicle rack mount (coming soon)
- » Transport case
- » GO system:
  - » Rugged transport case with built-in tie-down points and drainage for rapid water egress
  - » AC-to-DC universal power kit included
  - » Vehicle mount included
  - » Universal clamp mount

More Info: E-mail [support@remotesatellite.com](mailto:support@remotesatellite.com) Call 707.545.8199