



## u8 | GO

### MAKING MOBILE GLOBAL™

The Kymeta™ u8 GO provides a complete connectivity solution for on-the-go communications when and where you need it.

The easily maneuverable u8 GO can support communication while in the case, on the ground or mounted on a vehicle for easy deployment in a multitude of use cases.

The transportable configuration has been custom designed for the revolutionary software-defined, electronic beam steered Kymeta™ u8 terminals. The multi-function hardened case is tested to MIL-STD-810H transportation standards and comes with hardened tie down points.

Kymeta™ Broadband connectivity packages for the u8 with are available in either satellite-only or satellite/cellular by-the-gigabyte packages, and the all-inclusive bundle of hardware, connectivity, and support, Kymeta Connect™, is offered at an affordable monthly rate.



#### PORTABLE AND RUGGED

WITH A HARDENED, STACKABLE CASE, THE KYMETA U8 GO PROVIDES THE FASTEST OUT-OF-THE-BOX COMMUNICATION ANYWHERE—JUST ADD POWER.



#### ELECTRONICALLY STEERED ANTENNA

SOFTWARE-DEFINED, RECONFIGURABLE, AND UPDATABLE, THE U8 SATELLITE ANTENNA OPERATES OVER THE COMPLETE KU BAND.



#### EXTENDED ENVIRONMENTAL COVERAGE

WITH AN ALL OUTDOORS CONSTRUCTION AND IP66 RATING, THE KYMETA U8 GO IS DESIGNED FOR THE MOST DEMANDING ENVIRONMENTS.



#### DESIGNED FOR MOBILITY

THE BUILT-IN CAR MOUNT SUPPORTS INSTALLATION ON MOBILE PLATFORMS RIGHT OUT OF THE CASE.



#### LEO-UPGRADEABLE

THE U8 ANTENNA ANTICIPATES THE ARRIVAL OF KU-BAND LEO CONSTELLATIONS.



## CONNECTIVITY

**SETUP TIME OF TERMINAL**  
Mount and operate in less than 20 minutes

**ACQUISITION OF SIGNAL**  
Less than 1 minute from initiation of acquisition

**SATCOM MODEM**  
Embedded iDirect iQ 200 or 950mp

## MECHANICAL

**DIMENSIONS**  
L 104 cm × W 104 cm × H 38 cm  
L 41 in. × W 41 in. × H 15 in.

**WEIGHT**  
~68 kg (~150 lb.)

**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

## POWER

**DC INPUT POWER**  
100 VAC to 240 VAC  
(50 Hz to 60 Hz)

**POWER CONSUMPTION (WITH EMBEDDED MODEM)**  
150 W (typical), 510 W (peak)\*\*

## INTERFACES

**NETWORK INTERFACE**  
Ethernet

## ANTENNA

**BAND**  
Ku

**ANTENNA TYPE**  
Electronically scanned array

**POLARIZATION**  
Linear, software-defined

**RX FREQUENCY RANGE**  
10.7 GHz to 12.75 GHz

**G/T BROADSIDE**  
9 dB/K to 11.5 dB/K

**RX INSTANTANEOUS BANDWIDTH**  
250 MHz

**TX FREQUENCY RANGE**  
13.75 GHz to 14.5 GHz

**EIRP BROADSIDE**  
45.5 dBW to 46.5 dBW  
(14.0 GHz to 14.5 GHz)

## TRACKING

**SCAN ANGLES**  
Az 360°, El +15° to +90°

**TRACKING RECEIVER TYPE**  
Integrated tracking system  
DVB-S2, DVB-S2X

## COMPLIANCE

**CERTIFICATIONS**  
CE, FCC, Nemko, WEEE, RoHS

## AVAILABLE CONFIGURATIONS

### u8 GEO GO OUTDOOR UNIT (ODU)

- u8 antenna with integrated antenna control unit
- RF chain with low-profile BUC
- Shroud with integrated air circulation solution
- Integrated vehicle mount kit
- 45° tilt mechanism
- AC-to-DC power kit
- Transportation hardshell case

### u8 GEO GO FOR COMMERCIAL USE

- u8 GEO GO ODU as described above
- Embedded iQ 200 modem and LTE-A modem
- Embedded LTE Advanced Pro modem card (Global or FirstNet)

### u8 GEO GO FOR GOVERNMENT AND MILITARY USE

- u8 GEO GO ODU as described above
- Embedded iDirect 950mp satellite modem
- Embedded LTE Advanced Pro modem card (Global or FirstNet)

## AVAILABLE ACCESSORIES

- Vehicle power kit
- Cable kits

## AVAILABLE SOFTWARE-ENABLED FEATURES

- Manual position (GPS-denied) mode
- Full privacy mode
- External GPS support

## KYMETA | CONNECT™

*Kymeta Connect™ offers full-service connectivity solutions for u8 terminals. By-the-gigabyte packages are available with either satellite-only or hybrid satellite/cellular capacity. Refer to the Kymeta Connect product sheet for more detail.*



\*Specifications as of 9 November, 2020. Subject to change.

\*\*Software restriction on peak draw is available. Please note this may affect antenna performance at low temperature.

For more information, contact Kymeta at [sales@kymetacorp.com](mailto:sales@kymetacorp.com).

12277 134th Ct. NE, Redmond, WA 98052 | Phone: 425.896.3700 | [www.kymetacorp.com](http://www.kymetacorp.com)

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