

Connected Mobility with the Innovative Kymeta™ u7 Terminal

Powered by Intelsat FlexMove



A lightweight, low-profile, 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
- Electronic steering for low maintenance
- Intelsat FlexMove qualified terminal

The **Kymeta u7 Ku-band terminal** is transforming the way people on the move connect, making high-speed communications easier and more reliable than ever.

The u7 terminal makes satellite connectivity simple by eliminating the need for in-depth technical training on installation, setup, commissioning and service provisioning.



Robust design suitable for a wide range of land mobility environments



Easy to use with satellite signal auto acquisition and tracking

As the world's first high-throughput satellite (HTS) service for land mobility, **FlexMove** enables global, resilient, on-demand connectivity – even in the most remote and hostile locations.



Powered by the Intelsat Epic HTS fleet and wide beam global Ku-band network



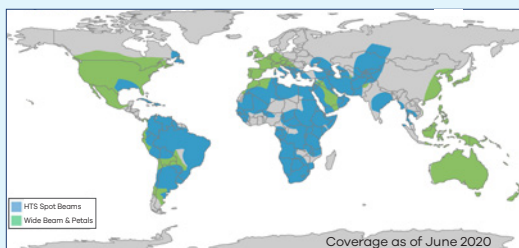
Redundant and survivable network for mission-critical, data-intensive applications



Kymeta u7 Ku-band satellite terminal:

- Simple power-on startup and auto-acquisition for easy operation
- Low power consumption
- Configured with iDirect X7 modem
- Fast tracking, on-the-move connectivity for mobile broadband
- Over-the-air (OTA) software updates

Kymeta u7x

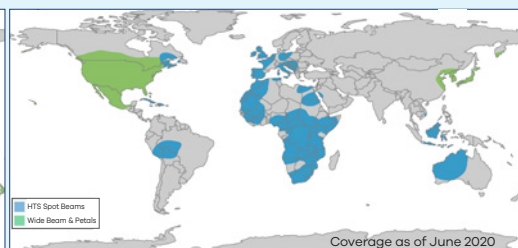


Coverage as of June 2020

Frequency Range:

Tx: 14.0 GHz to 14.5 GHz
Rx: 11.2 GHz to 12.1 GHz

Kymeta u7h

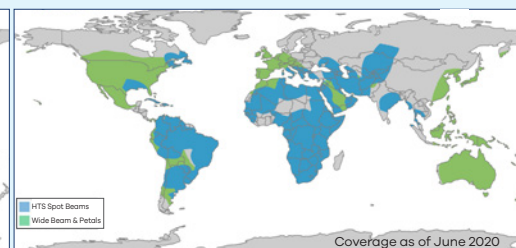


Coverage as of June 2020

Frequency Range:

Tx: 14.0 GHz to 14.5 GHz
Rx: 11.85 GHz to 12.75 GHz

Kymeta u7m



Coverage as of June 2020

Frequency Range:

Tx: 14.0 GHz to 14.5 GHz
Rx: 11.4 GHz to 12.3 GHz

SPECIFICATIONS

ANTENNA TYPE

Kymeta u7x*

DIMENSIONS

W 82.3 cm × D 82.3 cm × H 16.7 cm

TOTAL WEIGHT

26.2 kg (57.7 lbs)

FREQUENCIES

Tx 14.0 - 14.5 GHz / Rx 11.2 - 12.1 GHz

POLARISATION

Vertical and horizontal, software defined

EIRP

44.5dBW

G/T

9.5 dB/K

POWER CONSUMPTION

200 W (typical) with 16 W BUC

550 W (peak) with 16W BUC

NETWORK INTERFACE

RJ45 10/100/1000

RF CABLES

N-type connectors

MOUNTING SURFACE

4 × M8 × 1.25 mounting stand-off posts

0.95 cm (0.375 in.) deep

CABLE KIT

Four cables: RX cable, TX cable, Power cable, and Ethernet cable

INPUT POWER

110 VAC to 240 VAC 50/60 Hz

CERTIFICATIONS

UL, FCC, CE, WEEE, ROHS and ANATEL (Brazil)

OPERATIONAL TEMPERATURE

-25°C to +65°C

*Terminal specifications above are specific to the Kymeta u7x environmental (outdoor unit). Some specifications vary slightly between the Kymeta u7x, u7h, and u7m models. Please contact your local Intelsat FlexMove sales representative for more information.



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

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