



KYWAY™ TERMINAL

REVOLUTIONARY. GLOBAL. MOBILE CONNECTIVITY.

Connectivity can be lacking when it is critically needed. Wherever you need it – in the middle of the ocean, at the remotest mining site, on a freight train crossing multiple borders, or at a natural disaster site where mobile response communication hubs are required – Kymeta makes it easy.

With KyWay mobile satellite terminals, there are infinite applications for land, sea, and air – from connected vehicles and trains to ships and construction vehicles, the possibilities are endless.

KYWAY FEATURES

- Flat panel for virtually seamless, low-profile installation options
- No moving parts for low maintenance and reliable connectivity
- Easy-to-buy and easy-to-understand KĀLO™ services
- Remote updates, delivering enhanced performance improvements and new features
- Access to the Kymeta Partner Portal
- Tx/Rx from a single panel



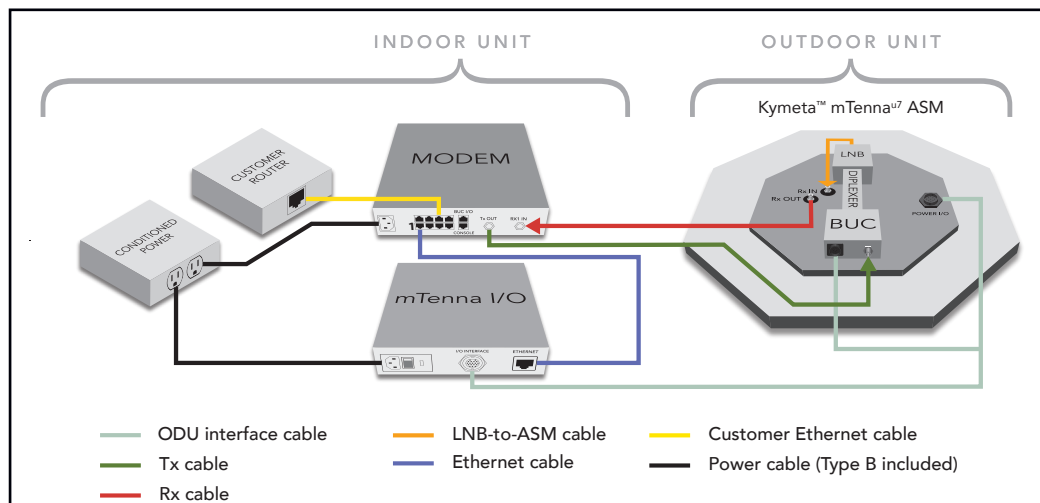
KYMETA™

KYWAY™ TERMINAL SPECIFICATIONS

PARAMETER	SPECIFICATION*
Outdoor unit (ODU) dimensions	L 82.3 cm x W 82.3 cm x D 16.5 cm L 32.4 in. x W 32.4 in x D 6.4 in.
Indoor unit (IDU) dimensions	2 units, each 1 U standard 19 in. rack
mTenna I/O dimensions	W 42.42 cm x D 20.57 cm x H 4.37 cm W 16.7 in. x D 8.1 in. x H 1.72 in.
iDirect X7 modem dimensions	W 44.5 cm x D 31.75 cm x H 4.37 cm W 17.5 in. x D 12.5 in. x H 1.72 in.
Terminal weight	29.27 kg / 64.5 lb.
Outdoor unit (ODU) weight	21.1 kg / 46.5 lb.
Indoor unit (IDU) weight	6.35 kg / 14.0 lb.
Ingress protection	ODU: IP66 to protect against weather and environmental conditions expected during operation and storage IDU: Rated for use indoors
ODU temperature	-25°C to +55°C (operational) -40°C to +75°C (storage)
IDU temperature	0°C to +50°C (operational) -40°C to +75°C (storage)
Input power	100/240 VAC 50/60 Hz 500 W peak, 300 W typical (including 8 W BUC)
IDU data interface	mTenna I/O: RJ45 Ethernet to modem, 18-pin interface cable Satellite modem: RJ45 Ethernet LAN Port, RJ45 Ethernet to mTenna I/O
Satellite modem	iDirect X7
RF specification	Ku-Band, 8 W or 16 W BUC configuration available
ODU mounting interface	4 x M8 x 1.25 mounting threaded inserts (female thread), .95 cm (.375 in.) deep on 34.1 cm (13.435 in.) centers Custom mounting configurations available upon request

* Specifications are subject to change.

KYWAY™ TERMINAL



The KyWay terminal comprises two major components:

The weather-facing outdoor unit (ODU), includes the antenna and transceiver elements. The key component of the KyWay terminal is the Kymeta mTenna^{u7} antenna subsystem module (ASM), which includes a combined transmit-and receive-capable aperture, control electronics assembly, mechanical enclosure system, and software.

The indoor unit (IDU), includes the modem, power supplies, and interfaces.

ODU and IDU components interface with each other through three cables available as accessories:

- ODU interface cable
- Transmit coaxial cable (Tx cable)
- Receive coaxial cable (Rx cable)

Available cable lengths:

- 3.66 m (12 ft.)
- 7.62 m (25 ft.)
- 15.24 m (50 ft.)

12277 134th Ct NE
Redmond, WA 98052, USA
+1 (425) 896-3700
www.kymetacorp.com

twitter.com/KymetaCorp
facebook.com/kymetacorp
instagram.com/kymeta
linkedin.com/company/kymeta-corporation