



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, tracking freight on a train crossing multiple borders, or during a natural disaster when 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.

KĀLO™ satellite services are bundled with KyWay terminals and can be purchased in flexible, variable-use packages in familiar and easy-to-understand data plans. Together, KyWay terminals and KĀLO services make connectivity as available as a view of the sky.

KYWAY FEATURES

- Flat panel for invisible, seamless, low-profile installation options
- No moving parts for low maintenance and reliable connectivity
- One Button Cold Start SATCOM / SOTM Access
- Remote updates, delivering enhanced performance improvements and new features
- Tx/Rx from a single panel



CopaSAT
KYMETA™
GOVERNMENT SOLUTIONS
AUTHORIZED PARTNER

KYWAY™ TERMINAL SPECIFICATIONS

PARAMETER	SPECIFICATION*
Outdoor unit (ODU) dimensions	L 32.4 in. x W 32.4 in x D 6.4 in. L 82.3 cm x W 82.3 cm x D 16.5 cm
Indoor unit (IDU) dimensions	2 units, each 1 U standard 19 in. rack
mTenna I/O dimensions	W 16.7 in. x D 8.1 in. x H 1.72 in. W 42.42 cm x D 20.57 cm x H 4.37 cm
iDirect X7 modem dimensions	W 17.5 in. x D 12.5 in. x H 1.72 in. W 44.5 cm x D 31.75 cm x H 4.45 cm
Terminal weight	64.5 lb. / 29.27 kg
Outdoor unit (ODU) weight	46.5 lb. / 21.1 kg
Indoor unit (IDU) weight	14.0 lb. / 6.35 kg
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	110 /240 VAC 50/60 Hz 500 watt peak, 300 watt typical (including 8 watt 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 watt BUC (16w BUC config available)
ODU mounting interface	4 x M8 x 1.25 mounting threaded inserts (female thread), .375 in. (.95 cm) deep on 13.435 in. (34.1 cm) centers Custom mounting configurations available upon request

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.)

* Specifications are subject to change.

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