

# 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



## KYWAY™ TERMINAL SPECIFICATIONS

Outdoor unit (ODU) dimensions  Indoor unit (IDU) dimensions  Indoor unit (IDU) 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  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  Outdoor unit (ODU) weight  Indoor unit (IDU) weight  Indoor unit (IDU) weight  ODU: IP66 to protect against weather and environmental conditions expected during operation and storage  IDU: Rated for use indoors  ODU temperature  O°C to +55°C (operational) -40°C to +75°C (storage)
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  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  o°C to +50°C (operational)
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  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)
Terminal weight  64.5 lb. / 29.27 kg  Outdoor unit (ODU) 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  o°C to +50°C (operational)
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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

 $<sup>^{\</sup>star}$  Specifications are subject to change.

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<sup>u7</sup> 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.

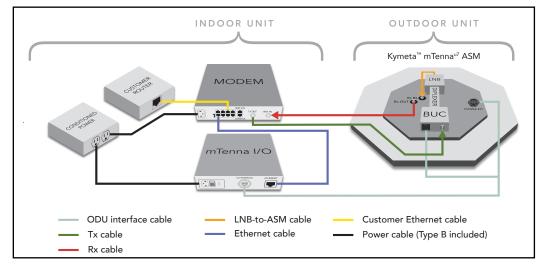
ODU and IDU components interface with each other through three cables available as accessories:

- 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.)

## KYWAY™ TERMINAL





www.kymetagov.com