MetroLinq™ 5 LW

Cloud-Enabled Outdoor 5 + 2.4GHz PTP/PTMP

IgniteNet's MetroLinq 5 LW is a dual-band and dual radio wireless bridge ideal for PTP and PTMP connections. With a range of up to 2km (1.24mi) from MetroLinq 10G Omni base-station it is an ideal device to connect more remote and lower capacity fixed wireless clients. The MetroLinq 5 LW also includes a 2.4 GHz radio which can be configured a multi-tenant AP for applications ranging from hotspots to maintenance and many more. Integrated dual-radio design allows saving tower space and covers wireless backhaul and local Wi-Fi access scenarios with the same stock keeping unit. The innovative IP-55 standards rated enclosure, allows MetroLinq 5 LW to withstand harsh and bring fast wireless connections to hard-to-reach locations.

Dual Band 5GHz + 2.4 GHz Operation

The MetroLinq™ 5 is a universal wireless device and includes a 2.4GHz radio which can be configured as a WiFi AP to be used for a variety of applications like maintenance, hotspot, and other uses.

Powerful, Flexible Configuration

The MetroLinq™ 5 LW can operate either as a stand-alone device or as a coordinated, cloud-managed device, easily meeting the requirements of any installation.

Robust Weather-Resistant Design

The MetroLinq™ 5 LW features a hybrid metal/plastic design IP rated enclosure built to withstand the harshest environments including precipitation, hot/cold weather and high/low humidities.

Features

HARDWARE FEATURES
› 1x Gigabit Ethernet Port (PoE IN)
› 1x Screw Terminal Block (Power IN)
› Dual flash image support
› IP-55 standards rated enclosure

LEDs
› Power, Ethernet, 2.4 GHz, 5 GHz

DIMENSIONS (L X W X H)
› 202.7 x 239.8 x 48 mm (7.98 x 9.44 x 1.89 inch)

WEIGHT
› 600 g (1.32 lb)

POWER
› 24-48V/1A passive Gigabit PoE

OPERATING ENVIRONMENT
› Operating Temperature: -30 to 55C⁰ (-22 to 131F)
› Store Temperature: -40 to 70C⁰ (-40 to 158F)
› Operating Humidity: 10 to 90% non-condensing (RH)

REGULATORY / STANDARDS COMPLIANCE
› FCC/IC
› CE

RANGE
› Up to 10km (6.2mi) ML 5 to ML 5, location dependent
› Up to 2km (1.24mi) ML 5 to ML 10G Omni, location dependent
› Up to 2km (1.24mi) ML 5 to ML LW, location dependent
› Up to 2km (1.24mi) ML 5 to ML 2.5G BF sector, location dependent

RF PERFORMANCE (TX)
› 5GHz: 26dBm @ 6Mbps, 21dBm @ 866Mbps
› 2.4GHz: 24dBm @ 6Mbps, 21dBm @ 400Mbps

RF PERFORMANCE (RX)
› 5GHz: -92dBm @MCS0; -70dBm @ MCS15
› 2.4GHz: -90dBm @MCS0; -70dBm @ MCS15

KEY FEATURES
› 600Mbps Aggregate throughput; dynamically allocated (5GHz)
› 300Mbps Aggregate throughput; dynamically allocated (2GHz)
› Management VLAN support and VLAN pass-through
› Supports Service Provider and Enterprise type networks
› Stand-alone or Cloud-controlled operating modes
› 128bit AES Encryption
› SNMP Monitoring with Private MIB

APPLICATIONS
› Fixed Wireless Access (broadband)
› Hotspot backhaul and Wi-Fi
› Metro WiFi
› Rural WiFi
› Campus Interconnection and Wi-Fi

Ordering Information

Part Number	Description
ML-5-LW-XX	Cloud-Enabled Outdoor 5GHz + 2.4GHz PTP/PTMP

**XX is used to denote localization (US, EU, AU, CN)

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