



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 IP55 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 Wi-Fi 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 and IP55 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 SFP Port
- › 1x Screw Terminal Block (Power IN)
- › 1x USB 2.0 Port
- › Dual flash image support
- › IP55 standards rated enclosure

LEDs

- › Power, Ethernet, SFP, 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

ANTENNA

- › 5GHz
 - Elevation beamwidth : 28°
 - Azimuth beamwidth : 30°
 - Gain: 15 dBi
- › 2.4GHz
 - 360° Omni Antenna
 - Gain: 7 dBi

OPERATING ENVIRONMENT

- › Operating Temperature: -30 to 55°C (-22 to 131°F)
- › Store Temperature: -40 to 70°C (-40 to 158°F)
- › 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

RF PERFORMANCE (TX)

- › 5GHz: 26dBm @ MCS0; 21dBm @ MCS15
- › 2.4GHz: 24dBm @ MCS0; 21dBm @ MCS15

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 Wi-Fi
- › Rural Wi-Fi
- › 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)



Worldwide

20 Mason
Irvine, CA 92618
USA
sales@ignitenet.com

Asia

No. 1 Creation Road III,
Hsinchu Science Park,
30077, Taiwan, R.O.C.
sales@ignitenet.com