IgniteNet™

MetroLinq™ 60-LW

Cloud-Enabled Outdoor 60GHz + 5GHz + 2.4GHz PTP/PTMP

| CLOUD | Tri-Band | PoE | 1+ Gbps |

Product Overview

IgniteNet™'s MetroLinq™ 60-LW changes the economics of low-cost 60GHz PTP and PTMP connections. With a 60GHz range of up to 300m as well as built-in 5GHz failover, it can provide reliable high throughput in the harshest conditions. It also has an added advantage of being license-free in most markets, allowing ultra fast deployment and without the hassle of other frequency bands. The MetroLinq™ 60-LW also includes a third 2.4 GHz radio which can be configured a multi-tenant AP for applications ranging from hotspots to maintenance to many more!

Key Features and Benefits

Inteference-Free & Unlicensed Band

The IgniteNet™ MetroLinq™ 60-LW offers unprecedented performance - combining both the benefits of unlicensed band operation with no interference!

Tri Band 60GHz + 5GHz + 2.4 GHz Operation

The MetroLinq™ 60-LW includes a second 5GHz radio which can be configured as a backup to the 60GHz as well as a 2.4GHz WiFi AP to be used for a variety of applications like maintenance, hotspot, and other uses.

Powerful, Flexible Configuration

The MetroLinq™ 60-LW can operate either as a stand-alone device or as a coordinated, cloud-managed device, easily meeting the requirements of any installation.
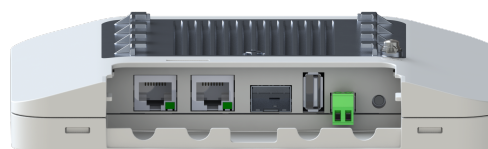
Robust Weather-Resistant Design

The MetroLinq™ 60-LW features a hybrid metal/plastic design built to withstand the harshest environments including precipitation, hot/cold weather and high/low humidities.

Other Views

Secure wall/pole mount

I/O region w/ direct fiber connect

Features

HARDWARE FEATURES

✓ 1x Gigabit Ethernet Port (PoE IN)
✓ 1x Gigabit Ethernet Port
✓ 1x SFP Port
✓ 1x Screw Terminal Block (Power IN)
✓ 1x USB 3.0 Port
✓ Dual flash image support

LEDs

✓ Power, Ethernet, Wireless, Health/Status

DIMENSIONS (L x W x H)

✓ 177 x 163 x 40 mm
✓ 7 x 6.5 x 1.5 in

WEIGHT

✓ TBD g

POWER

✓ 24V/1A passive Gigabit PoE

OPERATING ENVIRONMENT

✓ Operating Temperature: -40Cº to +70Cº
✓ Store Temperature: -40Cº to 70Cº
✓ Operating Humidity: 10 to 90% non-condensing (RH)

REGULATORY / STANDARDS COMPLIANCE

✓ FCC/IC
✓ CE

RANGE

✓ Up to 250m (LW to LW, location dependent)
✓ Up to 250m (LW to Omni, location dependent)
✓ Up to 900m (LW to 19cm, location dependent)
✓ Up to 1.2km (LW to 35cm, location dependent)

RF PERFORMANCE (TX)

✓ 60GHz:
     14dBm @ 1+ Gbps
✓ 5GHz:
     27dBm @ 6Mbps, 23dBm @ 866Mbps
✓ 2.4GHz:
     27dBm @ 6Mbps, 23dBm @ 300Mbps

RF PERFORMANCE (RX)

✓ 60GHz:
     -74dBm @MCS1; -60dBm @ MCS9
✓ 5GHz:
     -94dBm @MCS0; -72dBm @ MCS15
✓ 2.4GHz:
     -94dBm @MCS0; -72dBm @ MCS15

KEY FEATURES

✓ 1+Gbps Aggregate throughput; dynamically allocated (60GHz)
✓ Advanced 60GHz beam forming for easy alignment
✓ 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
✓ Base Station mode and up to 32 endpoints (8 endpoints at launch)
✓ Link failover/backup (60GHz + 5GHz)
✓ 128bit AES Encryption (standard; 5GHz and 60GHz)
✓ SNMP Monitoring with Private MIB

APPLICATIONS

✓ Fixed Wireless Access (broadband)
✓ 3G/4G Backhaul
✓ Metro WiFi
✓ Campus Interconnection
✓ Hybrid Fiber/Wireless Networks

Ordering Information

Part Number	Description
ML-60-LW-XX	Cloud-Enabled Outdoor 60GHz + 5GHz + 2.4GHz PTP/PTMP
ML-60-LW-DO-XX	Cloud-Enabled Outdoor 60GHz + 5GHz + 2.4GHz PTP/PTMP (Dualband Omni Configuration)

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

Contact