



MetroLinq™ 2.5 60 Base Station Sector

Cloud-Enabled Outdoor 60GHz PTMP/PTP



Product Overview

IgniteNet™'s MetroLinq™ 2.5 60 Outdoor Base Station Sector is the world's first 60GHz MultiPoint solution available on the market. The MetroLinq™ 2.5 60 Outdoor Base Station Sector enables high capacity connections to multiple endpoints in the world-wide unlicensed 60GHz band, allowing ultra fast deployment without the hassle of other frequency bands requiring a license. The MetroLinq™ 2.5 60 Outdoor Base Station Sector also includes a second 5GHz radio which acts as a backup on a client by client basis to provide integrated redundancy without any additional hardware or complexity!

Key Features and Benefits

Interference-Free & Unlicensed Band

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

Dual Band 60GHz + 5GHz Operation

The MetroLinq™ Base Station includes a second 5GHz radio which can be configured as a backup to the 60GHz to be used for a variety of applications like maintenance, hotspot, and other uses.

Powerful, Flexible Configuration

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

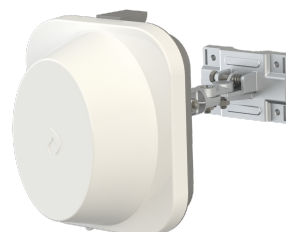
Robust Weather-Resistant Design

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

Client Options (Sold Separately)



35cm size with 60GHz + 5GHz



19cm size with 60GHz + 5GHz



MetroLinq LW
60GHz + 5GHz + 2.4 GHz *Coming Soon*



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Features

HARDWARE FEATURES

- ✓ 1x 2.5 Gigabit Ethernet Port (PoE IN 24-48v)
- ✓ 1x SFP Port
- ✓ 1x Screw Terminal Block (DC Power IN 24-48v)
- ✓ 1x USB 3.0 Port
- ✓ Dual flash image support

LEDs

- ✓ Power, Ethernet, Wireless, Health/Status

DIMENSIONS (L x W x H)

- ✓ 190 x 190 x 60 mm

WEIGHT

- ✓ 2kg with mount

POWER

- ✓ 24-48V/1A passive Gigabit PoE or DC

OPERATING ENVIRONMENT

- ✓ Operating Temperature: -40C° to +70C°
- ✓ Store Temperature: -40C° to 70C°
- ✓ 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

RF PERFORMANCE (RX)

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

KEY FEATURES

- ✓ 2.5+Gbps Aggregate throughput; dynamically allocated (60GHz)
- ✓ Advanced 60GHz beam forming for easy alignment
- ✓ 600Mbps Aggregate throughput; dynamically allocated (5GHz)
- ✓ 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
ML2.5-60-BF-18-XX	2.5gbps Outdoor Base Station 60GHz (18dB) + 5GHz (14dB) 120° coverage

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

Contact



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