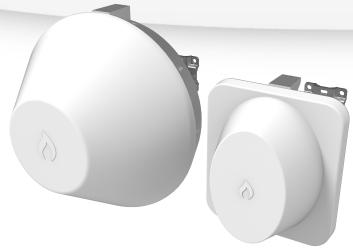


# MetroLinq<sup>™</sup> 2.5Gbps 60

Cloud-Enabled Outdoor 60GHz PTP + 5GHz









### **Product Overview**

IgniteNetTM's MetroLinq™ 2.5 - 60 is the world's first cost-effective high capacity 60GHz PTP radio enabling high performance, interference-free connections worldwide. The MetroLinq™ 2.5 - 60 has an added advantage of being license-free in most markets globally, allowing ultra fast deployment and without the hassle of other frequency bands requiring a license. The MetroLinq™ also includes a second 5GHz radio which can be configured as PtP (backup) to provide integrated redundancy without and additional hardware or complexity.

# Key Features and Benefits

#### Inteference-Free & Unlicensed Band

The IgniteNet<sup>™</sup> MetroLinq<sup>™</sup> 2.5 - 60 offers unprecedented performance - combining both the benefits of unlicensed band operation with no interference!

# **Dual Band 60GHz & 5GHz Operation**

The MetroLinq™ 2.5 - 60 includes a second 5GHz radio which can be configured as a backup to the 60GHz to provide automatic failover during adverse conditions. This allows links to be extended further without effecting link availability

# 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.

## **Product Variants**



35cm Size w/ 60GHz + 5GHz



19cm Size w/ 60GHz + 5GHz



# MetroLinq<sup>™</sup> 2.5 60

Cloud-Enabled Outdoor 60GHz PTP + 5GHz

## **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)**

- √ 350 x 350 x 200 mm (ML-60-35)
- ✓ 190 x 190 x 120 mm (ML-60-19)

#### **WEIGHT**

√ TBD

#### **POWER**

√ 24-48V/1.5A 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

## RF PERFORMANCE (TX)

√ 60GHz:

14dBm @ 2.5Gbps

√ 5GHz:

27dBm @ 6Mbps, 23dBm @ 866 Mbps

## RF PERFORMANCE (RX)

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

#### **KEY FEATURES**

- √ 2.5+ Gbps Aggregate throughput; dynamically allocated (60GHz)
- ✓ Management VLAN support and VLAN pass-through
- √ Supports Service Provider and Enterprise type networks
- √ Stand-alone or Cloud-controlled operating modes
- ✓ Link failover/backup (60GHz + 5GHz) Per Client
- √ 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
ML2.5-60-35-XX	60GHz Outdoor + 5GHz w/ Int 42dBi (60GHz) & 22dBi (5GHz) antenna, 2500Mbps + SFP
ML2.5-60-35-1-XX	60GHz Outdoor + 5GHz w/ Int 42dBi (60GHz) & External 5Ghz, 2500Mbps + SFP
ML2.5-60-19-XX	60GHz Outdoor + 5GHz w/ Int 36dBi (60GHz) & 16dBi (5GHz) antenna, 2500Mbps + SFP
ML2.5-60-19-1-XX	60GHz Outdoor + 5GHz w/ Int 36dBi (60GHz) & External 5GHz, 2500Mbps + SFP

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

Contact -

