35cm size w/ 60GHz + 5GHz   19cm size w/ 60GHz + 5GHz

MetroLinq™ 2.5G 60

Cloud-Enabled Outdoor 60GHz PTP + 5GHz

IgniteNet's™ MetroLinq™ 2.5G 60 is the world's first cost-effective high capacity 60GHz PTP radio enabling high performance, interference-free connections worldwide. The MetroLinq™ 2.5G 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.

Inteference-Free & Unlicensed Band

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

Dual Band 60GHz & 5GHz Operation

The MetroLinq™ 2.5G 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™ 2.5G 60 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™ 2.5G 60 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/ 60GHz + 5GHz
› 19cm size/ 60GHz + 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/ 13.78 x 13.78 x 7.87 inch (ML2.-60-35)
› 190 x 190 x 120 mm/ 7.48 x 7.48 x 4.72 inch (ML2.5-60-19)

WEIGHT
› 2.8 kg/ 6.17 lb without mount (ML2.5-60-35)
› 1.25 kg/ 2.76 lb without mount (ML2.5-60-19)

POWER
› 24-48V/1.5A passive Gigabit PoE or DC

OPERATING ENVIRONMENT
› Operating Temperature: -30C. to 55C.
› Store Temperature: -30C. to 55C.
› Operating Humidity: 10 to 90% non-condensing (RH)

REGULATORY / STANDARDS COMPLIANCE
› FCC/IC
› CE

RF PERFORMANCE (TX)
› 60GHz:
14dBm @ 4.62Gbps
› 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, AU, CN)

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