IgniteNet™ s MetroLinq™ 60 Outdoor Base Station Sector is the world’s first 60GHz MultiPoint solution available on the market. The MetroLinq™ 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™ 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 MetroLinq™ 60 Outdoor Base Station Sector offers unprecedented performance - combining both the benefits of unlicensed band operation with no interference!

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

The MetroLinq™ 60 Outdoor Base Station Sector 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™ 60 Outdoor Base Station Sector 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 Outdoor Sector features a hybrid metal/plastic design built to withstand the harshest environments including precipitation, hot/cold weather and high/low humidities.
**Features**

**HARDWARE FEATURES**
- ✓ 2x Gigabit Ethernet Port (PoE IN)
- ✓ 1x Power tap (Power OUT)
- ✓ 1x USB 2.0 Port (optional)
- ✓ Dual flash image support

**LEDs**
- ✓ Power, Ethernet, Wireless, Health/Status, Aiming

**DIMENSIONS (L x W x H )**
- ✓ 190 x 190 x 60 mm (ML-60-30-18)

**WEIGHT**
- ✓ 2 kg with mount (ML-60-30-18)

**POWER**
- ✓ 24V/1A passive Gigabit PoE
- ✓ 15W max power consumption

**CHANNEL BANDWIDTH**
- ✓ 60GHz: 2GHz, 500MHz (future hardware revision)
- ✓ 5GHz: 80MHz, 40MHz, 20MHz, 10MHz, 5MHz

**OPERATING ENVIRONMENT**
- ✓ Operating Temperature: -40ºC to +70ºC
- ✓ Store Temperature: -40ºC to 70ºC
- ✓ Operating Humidity: 10 to 90% non-condensing (RH)

**REGULATORY / STANDARDS COMPLIANCE**
- ✓ FCC/IC
- ✓ CE

**RANGE**
- ✓ Up to 1km (client and location dependent, see chart)

**RF PERFORMANCE (TX)**
- ✓ 60GHz: 14dBm @ 2.5Gbps OTA (1Gbps aggregate throughput)
- ✓ 5GHz: 24dBm @ 866Mbps OTA (500Mbps aggregate throughput)

**RF PERFORMANCE (RX)**
- ✓ 60GHz: -74dBm @ MCS1; -60dBm @ MCS9
- ✓ 5GHz: -94dBm @ MCS0; -64dBm @ MCS15

**KEY FEATURES**
- ✓ 1Gbps Aggregate throughput; dynamically allocated (60GHz)
- ✓ 500Mbps Aggregate throughput; dynamically allocated (5GHz)
- ✓ Jumbo packet support (up to 7912bytes)
- ✓ 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) Per Client
- ✓ 128bit AES Encryption (standard; 5GHz and 60GHz)
- ✓ SNMP Monitoring with Private MIB
- ✓ Optional Aiming Scope and LR Bracket (sold separately)

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

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**Ordering Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>ML-60-30-18-XX</td>
<td>60GHz + 5GHz BaseStation w/ Integrated 18dBi (60GHz) and 14dBi (5GHz) 30º Sector Antenna</td>
</tr>
</tbody>
</table>

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

**Contact**

**Worldwide**
- 20 Mason
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- sales@ignitenet.com

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www.ignitenet.com
Antenna Patterns

ML-60-30-18-XX

60GHz

5GHz Vertical

5GHz Horizontal

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Availability Chart

ML-60-19-XX as Client, 99.9% Availability

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Availability Chart

ML-60-35-XX as Client, 99.99% Availability

<table>
<thead>
<tr>
<th>Region</th>
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