**WHAT THIS PRODUCT DOES**

The Luxul High Performance Outdoor 802.11n Wireless Access Point (XAP-1040) provides superior Wi-Fi performance in a ruggedly elegant weather resistant (IP-66 compliant) enclosure. It implements Luxul’s exclusive and patented technology to deliver 4 times the coverage of traditional Wi-Fi equipment. It is simple to install and is a great choice for delivering coverage to outdoor areas or as a point-to-point/point-to-multipoint bridge solution.

**USE THE XAP-1040 TO:**

- Provide a High Performance Outdoor 802.11n Wi-Fi Network
- Setup a Superior Point-to-Point or Point-to-Multipoint Bridge Link
- Increase Mobile Client Device Network Sensitivity and Performance
- Simplify Installation While Minimizing Setup Time and Expense
- Eliminate Client Device Roaming Issues

**FEATURES**

- Highest FCC Approved Performance (Effective EIRP 36dBm)
- 18dB of Receive Gain Increases Client Device Network Sensitivity
- 2.4 GHz IEEE 802.11n Compliant
- QoS Functionality
- Enhanced Multi-Level Security
- Up to 8 SSIDs and Support for VLAN Tagging
- Single Cable Installation with POE
- Easy Setup through Web-based User Interface
- Weather Resistant IP-66 Compliant Enclosure

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**XAP-1040 TECHNICAL SPECIFICATIONS**

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<tr>
<th>Standards</th>
<th>IEEE 802.11n, IEEE 802.11b/g, IEEE 802.3af, IP-66</th>
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| Hardware  | • LAN Port: 1 RJ45 10/100 Mbps data and power input  
            • 7dBi Circular Polarized Directional Antenna  
            • LEDs: All LEDs are internal and not visible with cover in place  
            (Power, WLAN active, LAN link/activity, Bridge mode active). |
| Wireless Operation Modes | • Access Point  
                          • Point-to-Point Wireless Bridge  
                          • Point-to-Multipoint Wireless Bridge |
| Management and Security | • Remote Web-based Management  
                            • WEP (128 bit)  
                            • WPA-PSK (TKIP, AES, TKIP&AES)  
                            • WPA2-PSK (AES)  
                            • WPA-PSK/WPA2-PSK Auto (TKIP&AES)  
                            • Web Based Firmware Upgrade  
                            • QoS: Wireless Multi-Media (WMM) Extensions |
| Power Requirements | • Ethernet POE in: 48VDC/0.375A for IEEE 802.3af Compliance  
                      • Power Consumption: 5W Nominal, 13W Max |
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                      • Power Consumption: 5W Nominal, 13W Max |
| Environment Temperatures | • Operating: -4°F to 131°F (-20°C to 55°C)  
                             • Storage: -40°F to 158°F (-40°C to 70°C)  
                             • Humidity: 5% to 95% (Non-condensing) |
| Dimensions H x D x W in. (mm) | 7.5” (190) x 3.15” (80) x 7.9” (200) |
| Weight | • Item: 1.2 lbs  
        • With Packaging: 2 lbs |
| Certifications | • FCC Part 15, Class B |

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**Warranty:**

- 3 Year Limited Warranty

**Minimum Requirements**

- Web Browser
- Ethernet Cable
- Internet Connection to View Documentation Online

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**Package Contents**

- One: XAP-1040 Wireless Access Point
- One: Mounting Hardware for Wall or Pole
- One: PoE Injector and Power Adapter
- One: Quick Install Guide

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All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.