



LAXO-AP300A-04W-PG21 Wireless MIMO Bridge provides reliable and predictable Wireless Bridge Connection or Wi-Fi Coverage. With these wireless access points you can:

Augment throughput for high-bandwidth wireless applications
Protect your investment in wireless networking
Increase network reliability for high bandwidth applications
Data rates of 300 Mbps
Multiple input, multiple output technology for enhanced reliability
5GHz radio module

Technical Specifications

HARDWARE

- **Memory**
8MB Flash + 32MB SDRAM
- **LAN**
2 x 10/100BaseT RJ-45 with Auto-MDIX
- **Power Over Ethernet (POE)**
Yes (802.3af)
- **PoE Out**
12V PTE
- **Enclosure**
Metal and Plastic PC Case, IP 67 Verified
- **Default Button**
Yes
- **LED**
Status / Power / RSSI / LAN
- **Ground**
Yes
- **Ethernet Lighting Protector**
Integrated inside PoE Injector
- **Power Requirements**
802.3af PoE 48Vdc @0.5A / 100~240
Vac, 50/60 Hz

RADIO

- **Wireless**
OFDM
- **Output Power**
26dBm@6Mbps / 21dBm@54Mbps
26dBm@HT20 / 25dBm@HT40

- **Sensitivity**
-90dBm@11Mbps / -76dBm@54Mbps
-70dBm@HT20 / -66dBm@HT40
- **Antenna**
Build-in 2x2 21 dBi

FEATURE

- **Operating Mode**
AP, Bridge, CPE
- **Channel Bandwidth**
20MHz, 40MHz
- **Data Bandwidth Control**
Yes
- **Output Power Management**
Yes (Full, Half, Quarter, Eighth, Min.)
- **Max. Client Setting**
Yes
- **RF Scheduling**
Yes (Control Radio on/off)
- **Spanning Tree**
Yes (802.1d)
- **RTS Threshold Setting**
Yes (0-2,346)
- **Fragmentation Setting**
Yes (256-2,346)
- **Beacon Interval Setting**
Yes (20-1,000)
- **DTIM Interval Setting**
Yes (1-255)

SECURITY

- **MAC Control**
Yes
- **WEP Encryption**
64, 128, 152-bit
- **WPA / WPA2**
Yes
- **Wireless Isolation**
Yes
- **Hidden SSID**
Yes
- **Firewall**
Yes
- **VPN**
VPN Pass-through (IPsec, L2TP, PPTP)

MANAGEMENT

- **Web Base Management**
Yes
- **Console**
Yes
- **SNMP V.2**
Private MIB, 802.11 MIB
- **Support Time Server**
Yes
- **Support Log Server**
Yes

PHYSICAL

- **Operating Temperature**
-20 ~ 80C
- **Operating Humidity**
10 ~ 95% RH
- **Weight**
2.9Kg
- **Dimension**
335 x 335 x 81 mm