ALL 0199

Outdoor Wireless AP/Bridge

The ALL0199 is a wireless building-to-building bridge solution that is best suited for enterprises or off-site locations that require LAN or Internet access without the availability of wired networks.
The wireless building-to-building bridging solution contains a state of the art wireless access point, high gain performance 12dBi antenna and Power over Ethernet. For further protection, a lightning protector is offered as an option. Together, the unit provides a possible range of over 4 kilometers from building to building.

Features

- Provide Ethernet to Wireless LAN Bridge fully compatible on IEEE 802.3 Ethernet side and fully interoperable with IEEE 802.11b compliant equipments
- Ethernet interface with 10 /100Base-T
- IEEE 802.11b infrastructure and ad hoc operating modes
- Dynamic data rate switching with 11, 5.5, 2 and 1Mbps allows auto fallback data rate for optimized reliability, throughput and transmission range
- Encryption supporting IEEE 802.11 40-bit or 128-bit Wired Equivalent Privacy (WEP)
- Firmware upgrade capability via USB port Web-based configuration and management
- Type of approval compliant with FCC Part 15.247 for US, ETS 300 328 for Europe, and ARIB STD-T66 for Japan
- 12dBi omnidirectional antenna that offers 4 to 7 kilometers of transmission range over the open space.
- Wireless Access Point that supports 64bit and 128bit WEP encryption, preventing data theft from possible eavesdroppers.
- Power Over Ethernet / Base Unit Adapter that provides electrical power to places
- where a power outlet is inaccessible.
- Optional lightning protector.

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Product Features

Frequency Range:	2400 ~ 2497 MHz ISM band
Modulation:	Direct Sequence Spread Spectrum
Data Rate:	DBPSK @ 1Mbps DQPSK @ 2Mbps CCK @ 5.5Mbps & 11Mbps
Number of Channels:	11 channels for USA (FCC) 13 channels for Europe (ETS) 14 channels for Japan (TELEC)
Data Security:	IEEE standard 40-bit WEP & 128-bit WEP
Transmit Power:	12.5dBm typical
Receiver Sensitivity:	Typical -84dBm for 11Mbps @ 8 % PER Typical -90dBm for 2Mbps @ 8% PER
Protocol:	TCP/IP, IPX/SPX, NetBEUI
Network Management:	SNMP, TFTP (firmware download), Set IP Session (arp/ping), Configuration Utility via USB port, DHCP
Temperature:	-50 ~ 80 in operation
Humidity:	10 ~ 95% Non-condensing