A5 BRIDGE

SKU: SILA5BR

Features

- 54Mbps
- Five operational modes
- IP Router + NAT
- Metal case design
- Built-in lightning protector
- IEEE802.11a
- OFDM
- Point-to-Point , Point-to-Multipoint
- WDS (AP + Repeater)
- WEP, WPA, WPA2
- Test Link
- PoE
- Built in audible alignment

The advantages of the A5 BRIDGE

● Stable and reliable network. Being Weatherproof and having a built-in Lightning Protector, the A5 BRIDGE is perfectly designed to meet the needs of the harshest outdoor environments.

●Simple network structure. Easy to install. Power over Ethernet functionality requires only a single Ethernet cable between the LAN and the A5 BRIDGE for sufficient power.

Contents

1 x A5 BRIDGE
1 x Mounting brackets
1 x Product CD
1 x Power Adapter(48V)

What is the A5 BRIDGE?

A high-speed wireless bridge aimed at last-mile broadband wireless access (BWA) links and campus data networks that need to send large amounts of data over the air. By enabling corporations and ISPs to bridge the gap between multiple buildings without incurring the expense of leased lines or fibre runs, A5 BRIDGE offers fast return on investment while providing optimal network performance.

Operating at a 5GHz frequency, at distances of up to 20km, the A5 BRIDGE supports point-to-point and point-to-multipoint configurations for connecting two or more buildings, Broadband Telecommunications Providers will find these features useful when creating a wireless backbone network to provide Internet access to residential customers.

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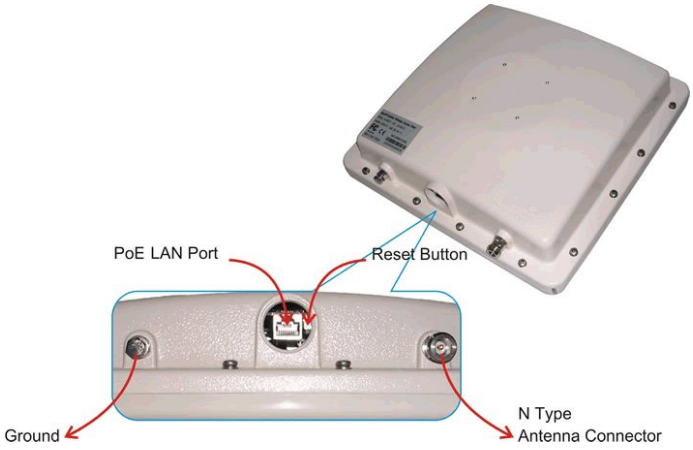
Feature	
Auto rate select	Super AG 54 48 36 24 18 12 9 6 Mbps
Access Point mode	Yes
BRIDGE mode-PtP	Yes
BRIDGE mode-PtMP	Yes
Repeater mode	Yes
WDS	Yes (AP Repeater)
IP routing	Yes (IP Router + NAT)
Test Link	Yes
Link status	Yes
DHCP Client	Yes
Standards	IEEE802.11a IEEE802.3/u (10/100 BaseT RJ-45) IEEE802.3af
Support protocol	TCP/IP IPX NETBEUI FTP
Security	
WEP Encryption	64 / 128 / 152 bits
Radius	Supported
802.1x	Supported
WPA	Supported
WPA-PSK (TKIP)	Supported
WPA2-PSK (AES)	Supported
Access Control	Supported
SSID Broadcast	Hidden AP
Client Separator	Supported
VLAN	Multi BSSID
Physical	
Antenna	N Type antenna required
LAN/WAN	One 10/100BASE-T (RJ-45) LAN Port
Default button	Yes
Power	100-240VAC,50/60Hz,800mA 48VDC/750mA Compliant to IEEE802.3af
Channel (Country Dependent)	USA (FCC): 5.15GHz 5.35GHz; 5.725GHz～5.825GHz Europe (ETSI): 5.47GHz 5.850GHz China: 5.725GHz 5.85GHz
RF output power	18dBm MAX
Power Consumption	220mA(Typical)
Sensitivity	-65dBm@54Mbps
Dimensions	31.0 x 30.5 x 9.4 (cm)
Weight	3.6Kg

Management	
WEB	Yes
SNMP MIB	Yes
Bandwidth Control	Yes
Environment	
Operating Temperature	-5~55℃
Storage Temperature	-20~80℃
Humidity	5～95%



A5 Series Product Information

A5 23dBi Dual
Dual-RF Outdoor Access Point

◆Integrated 23dB antenna and External port with N Type connector. Supports POE and 48V DC. Can work at 2.4 GHz and 5.8GHz simultaneously. SKU: SILA5D

A5 23dBi Integrated
Wireless Outdoor bridge

◆Integrated 23dB antenna. Supports POE and 48V DC. Works at 5.8GHz with encryption. WDS (AP + Repeater). Link Test. 54Mbps.
SKU: SILA5i

A5 19dBi CPE
Wireless Outdoor CPE

◆Integrated 19dB antenna. Supports POE and 24V DC. Working at 5.8GHz with encryption. Client Mode. SKU: SILA5CP

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