SilverNet Limited   United Kingdom   T +44 (0) 871 2233 067   www.silvernet.com
                                                F +44 (0) 870 622 0254
                                                E sales@silvernet.com

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A5 23dBi Integrated EXTREME

■ *What is the A5 23dBi EXTREME?*

A5 23dBi Integrated EXTREME is a new high-speed wireless BRIDGE integrated with a 23dBi antenna, aimed at last-mile broadband wireless access (BWA) links and campus data networks that need to send large amounts of data over the air.

The A5 23dBi Integrated EXTREME has been specially designed for harsh outdoor environments and operates at temperatures as low as -50° and as high as +70° C.

Operating at a 5GHz frequency, at distances of up to 20km, the A5 23dBi Integrated EXTREME supports point-to-point and point-to-multipoint configurations for connecting two or more buildings without incurring the expense of leased lines or fibre runs. The A5 23dBi Integrated EXTREME offers fast return on investment while providing optimal network performance.

■ *The advantages of the A5 23dBi EXTREME*

● Specially designed for harsh outdoor environments, built-in Lightning Protector, and integrated 23dBi antenna means that your network will remain stable and reliable.
● Simple network structure. Easy to install. Power over Ethernet functionality requires only a single Ethernet cable between the LAN and the A5 23dBi Integrated EXTREME for sufficient power.

SKU: SILA5EXi

■ *Features*

➤ 54Mbps

➤ Five operational modes

➤ IP Router + NAT

➤ Operates at -50° to +70° C

➤ Built-in lightning protector

➤ IEEE802.11a

➤ Point-to-Point , Point-to-Multipoint

➤ WDS (AP + Repeater)

➤ WEP, WPA, WPA2

➤ Test Link

➤ PoE

➤ LED displaying signal quality

Contents

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▪ **Mounting brackets   *1**
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▪ **Power Adapter(48V) *1**

A Broadband Wireless Networking Company

Feature	
Rate select	Best 54 48 36 24 18 12 9 6 Mbps
Access Point mode	Yes
BRIDGE mode-PtP	Yes
BRIDGE mode-PtMP	Yes
WDS	Yes
IP routing	Yes (IP Router + NAT)
Super A	Yes
Smart WDS	WDS service group ID
Spanning Tree	Yes
Power Control	Yes
Test Link	Yes
LED Indications	0-5 (signal level)
DHCP	Server and Client
Standards	IEEE802.11a IEEE802.3/u (10/100BaseTRJ-45) IEEE802.3af

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	23dBi Panel antenna
LAN/WAN	One 10/100BASE-T (RJ-45) LAN Port
Default button	Yes
Power	48VDC/1A 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 ±2dBm
Power Consumption	450mA@48v
Sensitivity	-65dBm@54Mbps
Dimension	35.3cm(L) x 35.3cm(W) x 14.2cm(H)
Weight	4.2Kg

Management	
WEB	Yes
SNMP MIB	Yes
Telnet	SSH
Bandwidth Control	Yes

Environment	
Operating Temperature	-50~70℃
Storage Temperature	-40~80℃
Humidity	5～95％
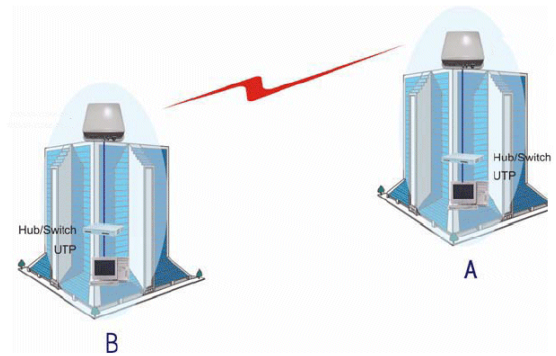
Point to Point
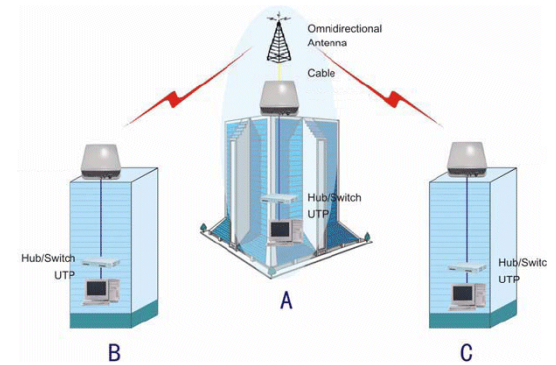
Point to Multipoint

A5 EXTREME Product Information

A5 23dBi Integrated EXTREME
Wireless Outdoor BRIDGE
◆Integrated 23dB antenna. Supports POE and 48V DC. Works at 5.8GHz with security. 54Mbps. Point to point, point to multipoint. Operates at temperatures between -50 to 70℃
SKU: SILA5EXi

A5 BRIDGE EXTREME
Wireless Outdoor BRIDGE
◆External port with N Type connector. supports POE. Work at 5.8 GHz with security. 54 Mbps. Point to point, point to multipoint. Operates at temperatures between -50 to 70℃ SKU: SILA5EXBR

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