



## A5 23dBi Integrated EXTREME



**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

### ■ 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.

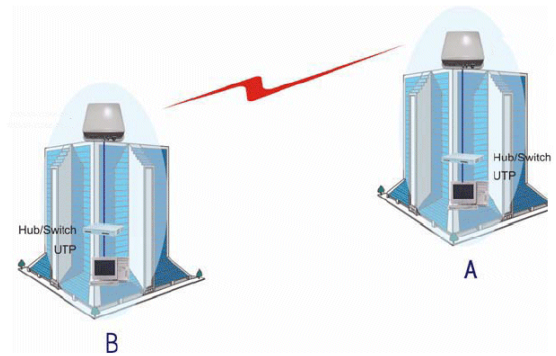
### Contents

- A5 23dBi EXTREME \*1
- Mounting brackets \*1
- Product CD \*1
- Power Adapter(48V) \*1

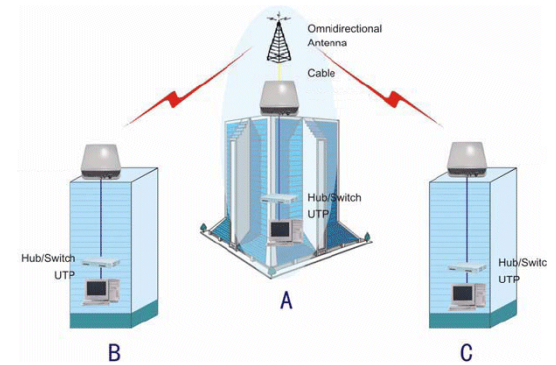


Feature	
Rate select	Best 54 48 36 24 18 12 9 6 Mbps
Access Point mode	Yes
BRIDGE mode-PtP	Yes
BRIDGE mode-PtMP	Yes
WDS	Yes
IP routing	Yes (IP Router + NAT)
Super A	Yes
Smart WDS	WDS service group ID
Spanning Tree	Yes
Power Control	Yes
Test Link	Yes
LED Indications	0-5 (signal level)
DHCP	Server and 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°C
Storage Temperature	-40~80°C
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°C  
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°C SKU: SILA5EXBR

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SilverNet Limited reserve the right to change specifications and other information within this document without notice and your attention is brought to the fact that performance figures are under ideal conditions. Actual performance will depend on many environmental factors and it is recommended that a site survey if undertaken prior to installation.

Please also note that this equipment may also be subject to local legislative restrictions such as Band C operation within the UK. It is the end users responsibility to ensure that the installation complies with any such restrictions that are in force.