



## A5 23dBi Integrated



**SKU: SILA5i**

Paired SKU: **SILA5i-PCP**

### ■ Features

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

### ■ What is the A5 23dBi Integrated?

A5 23dBi Integrated 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.

Operating at a 5GHz frequency, at distances of up to 20km, the A5 23dBi Integrated series 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.

By enabling corporations and ISPs to bridge the gap between multiple buildings without incurring the expense of leased lines or fibre runs, A5 23dBi Integrated offers fast return on investment while providing optimal network performance.

### ■ The advantages of the A5 23dBi Integrated

● Stable and reliable network. Being Weatherproof and having a built-in Lightning Protector, the A5 23dBi Integrated 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 23dBi Integrated for sufficient power.

### Contents

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

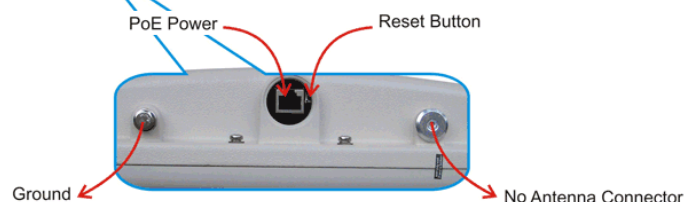


Feature	
Auto rate select	Super AG 54 48 36 24 18 12 9 6 Mbps
Access Point mode	Yes
BRIDGE mode-PtP	Yes
BRIDGE mode-PtMP	Yes
Repeater mode	Yes
WDS	Yes AP Repeater
IP routing	Yes (IP Router + NAT)
Test Link	Yes
Link status	Yes
DHCP Client	Yes
Standards	IEEE802.11a IEEE802.3/u (10/100BaseTRJ-45) IEEE802.3af
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	23dBi Planar Array
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	40dBm MAX
Power Consumption	220mA(Typical)
Sensitivity	-87dBm@54Mbps
Dimensions	30.5 x 30.5 x 8.8 (cm)
Weight	3.4 Kg

Management	
WEB	Yes
SNMP MIB	Yes
Bandwidth Control	Yes
Environment	
Operating Temperature	-15~55℃
Storage Temperature	-20~80℃
Humidity	5~95%



A5 23dBi  
INTEGRATED (back)



## 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 19dBi CPE

#### Wireless Outdoor CPE

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

### A5 BASE STATION

#### Multi-sector Access Point

◆ Integrated 16dBi 60° panel antenna or external antenna. Supports POE and 48V DC. Works at 5.8GHz with encryption.  
SKU: SILA5BS

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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.