



## Features

- IEEE802.11a
- OFDM
- Link Test
- WEP, WPA  
WPA2
- Signal Status  
Display by Led  
Line
- WEB  
Management
- Poe Power
- Integrated  
18dBi panel  
antenna
- Built-in surge  
protection
- 48V DC
- Designed for  
Outdoor  
applications
- Lower total cost  
of Point to  
Multipoint  
wireless system

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## A5 18dBi CPE



**SKU: SILA5CPE18**

### *The advantages of the A5 18dBi CPE*

- Stable and reliable network. Being Weatherproof and having a built-in Surge Protector, the A5 18dBi CPE 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 18dBi CPE for sufficient power.

### *Contents*

- 1 x A5 18dBi CPE**
- 1 x Mounting brackets**
- 1 x Product CD**
- 1 x Power Adapter(48V)**



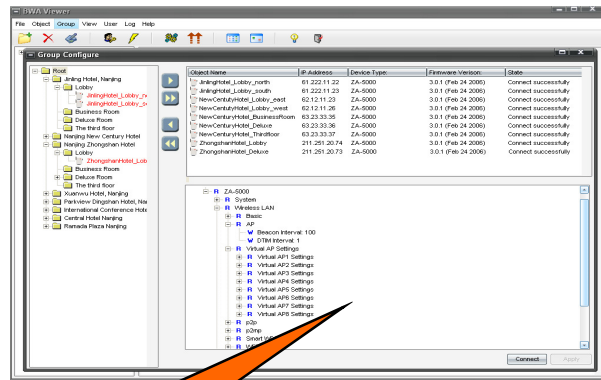
### *What is the A5 18dBi CPE?*

The A5 18dBi CPE is designed as a remote client of an AP, it works at 5GHz, and comes integrated with 18dBi panel antenna, equipped with POE and link quality LED. Clients can quickly build up stable Point to Multipoint wireless broadband access systems for "Last miles access" at low cost.

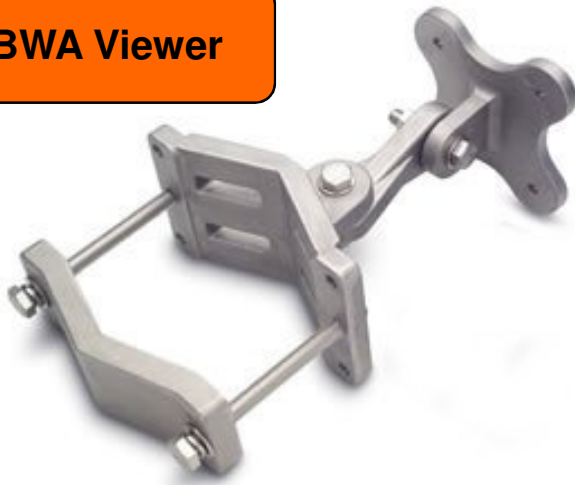
Clients can quickly build up stable Point to Multipoint wireless broadband access system for "Last miles access" at low cost.

This radio will save money, while servicing the need to construct a Point to Multipoint wireless system.

Features	
Rate	Best 54 48 36 24 18 12 9 6 Mbps
Working Mode	Client Mode, WDS
Link Test	Yes
Signal Indicators	0% <per<=10%    0 LED on 10% <per<=50%    1 LED on 50% <per<=80%    2 LED on 80% <per<=90%    3 LED on 90% <per<=100%   4 LED on Per=100%            5 LED on Per: Received Signal Ratio
Firmware upgrade	WEB, TFTP, FTP
Standards	IEEE802.11a IEEE802.3/u
Security	
WEP Encryption	64 / 128 / 152 bits
WPA-PSK (AES – TKIP)	Supported
Physical	
Antenna	Built in 18dBi Antenna
Antenna (External)	One N type (Female) interface
LAN/WAN	One 10/100BASE-T (RJ-45) LAN Port
Default button	Yes
LED	1-POWER, 1-WAN, 1-LAN, 5 Signal Indicator
Power	48VDC/0.83A
Channel (Country Dependent)	USA (FCC): 5.15GHz 5.35GHz; 5.725GHz~5.825GHz Europe (ETSI): 5.47GHz 5.85GHz China: 5.725GHz 5.85GHz
RF output power	16dBm (±1dBm)+ 18dBi
Power Consumption	200mA@48v
Sensitivity	-72dBm@54Mbps
Dimensions	292 mm x 288 mm x 84 mm
Weight	1.4Kg
Management	
WEB	Yes
BWA Viewer	Yes
SNMP	Yes
Environment	
Operating Temperature	-20~65°C
Storage Temperature	-20~80°C
Humidity	5~95%



**BWA Viewer**



### A5 Series Product Information

**A5 BRIDGE**  
Wireless Outdoor BRIDGE  
◆ External port with N Type connector. supports POE. Work at 5.8 GHz. 54 Mbps. Point to point, point to multipoint.  
SKU: SILA5BR

**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 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.