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SILVERNET

RoHS VERIFIED

A5 18dBi CPE

SKU: SILA5CPE18

■ *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

■ *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. With high throughput and long-distance transmission, it is the right solution for carriers, service providers and enterprises. As an outdoor remote client, A5 18dBi CPE can help

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.

■*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

▪**Radio**   *1
▪**Mounting brackets**   *1
▪**Product CD**   *1
▪**Power Adapter(48V)** *1

A Broadband Wireless Networking Company

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 ($\pm$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℃
Storage Temperature	-20~80℃
Humidity	5～95％
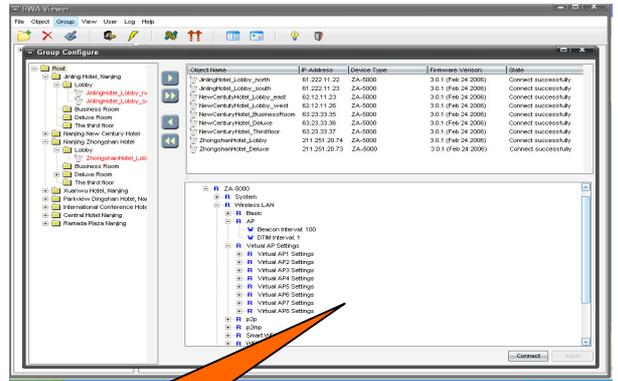
BWA Viewer
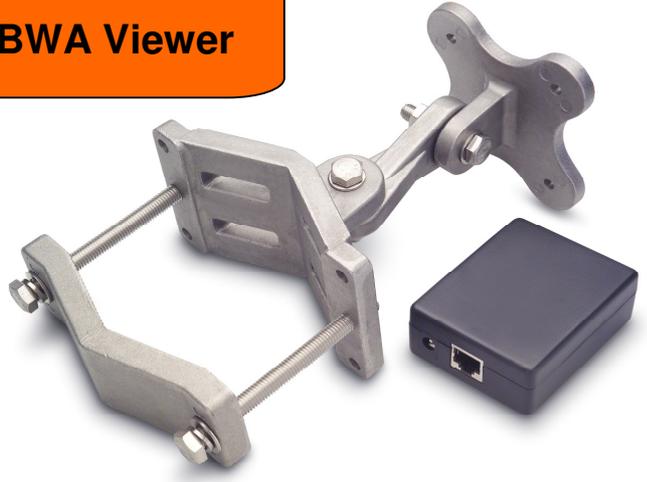
A5 Series Product Information

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 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

A5 E1/T1

Wireless Transmission system

◆54Mbps. Integrated 23dBi planar array antenna. Supports POE. Works at 5.8GHz with encryption. Point to point. SKU: SILA5E1