5GHz 2x2 MIMO Outdoor 802.11ac Wireless Base Station / Router

WIS-S516AC

Version 1.0

Product Overview

WIS-S516AC is robust outdoor wireless base station featuring 802.11ac technology for high end wireless coverage and point to multi-point connections. When it works with wisnetworks 11ac CPE, it could reach at least 20km distance of network coverage, which makes it extraodinarily ideal for ISP and surveillance industry and so on.

Features

High performance

- 16dBi high antenna gain
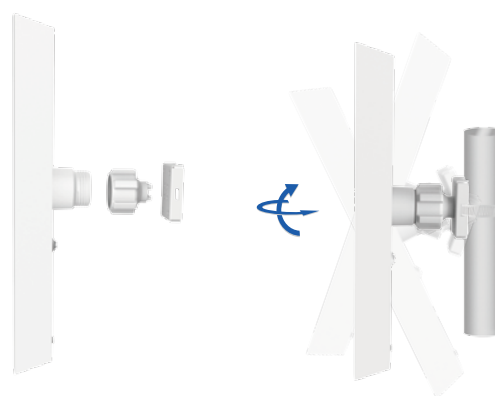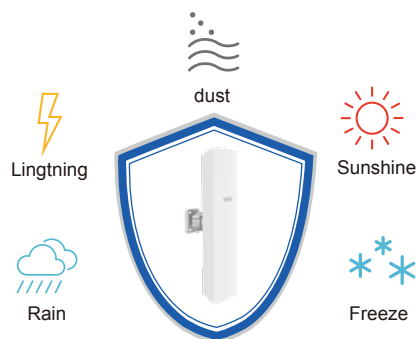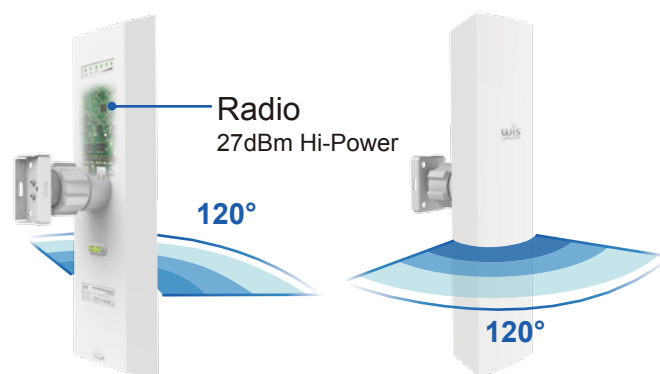- 27dBm high power
- 867Mbps speed
- Gigabit LAN port

Radio
27dBm Hi-Power

120°

120°

Robust Outdoor Ability

- Up to 8kV lightning protection
- Up to 24kV ESD protection
- IP 65 waterproof housing
- -20℃-70℃ tolerance

dust

Lingtning

Sunshine

Rain

Freeze

Flexibility and Simplicity

- Ball joint for all directional installation
- User-friendly design as no other tools required during installation
- Pole mounting and wall mounting

Significant Expense Reduction

- Ultra-gain in a smaller size antenna due to greatly improved antenna hardware design
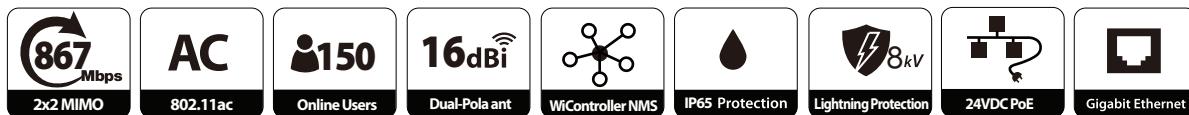- Compactly designed box reduces the transportation and logistics expense

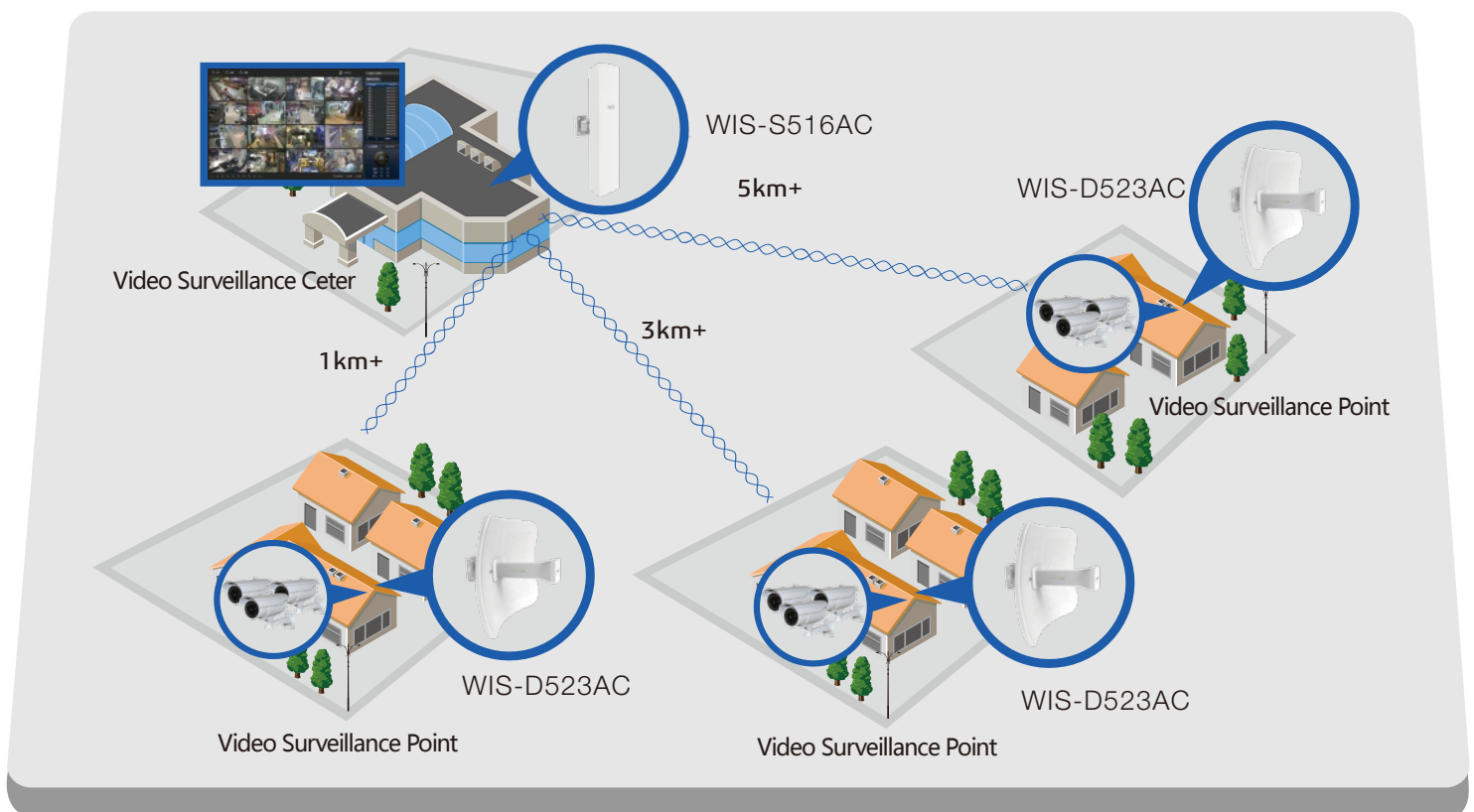DIMENSIONS: 153*118*425MM

118

153

153

Features and Benefits

- Compliant with 802.11ac/n/a, speed up to 867Mbps
- Gigabit LAN port helps get maximum wireless performance
- High output transmission power and receive sensitivity optimized
- 16dBi high gain dual-polarized sector antenna
- All directional and simple installation without other mounting kits or tools
- 24V Passive PoE with remote reset for flexible deployment
- IP65 outdoor weather-proof housing and up to 24kV ESD protection

867 Mbps	AC	150	16 dBi			8 kV		
2x2 MIMO	802.11ac	Online Users	Dual-Pola ant	WiController NMS	IP65 Protection	Lightning Protection	24VDC PoE	Gigabit Ethernet

Network Diagram

WIS-S516AC

WIS-D523AC

5km+

Video Surveillance Ceter

3km+

1km+

Video Surveillance Point

WIS-D523AC

Video Surveillance Point

WIS-D523AC

Video Surveillance Point

Specification

> Radio

- 802.11ac/n/a radio (Atheros 720MHz)
- Speed up to 867 Mbps
- Frequency Range: 5.1-5.8GHz
- Tx Power 27dBm±2
- Rx Sensitivity 867Mbps: -67dBm@10% PER
                    300M: -74dBm@10% PER
                     54M: -78dBm@10% PER
                      1M: -98dBm@10% PER

> Antenna

WIS-S516AC : 16dBi 120 degree dual-polarized
                 sector antenna

>Physical Parameters

- Dimension: 395*100*90mm
- Weight: 0.77kg
- Enclosure: Weatherproof ASA
- ESD Protection: 16kV
- Lightning Protection: 8kV
- Working Temp: -20 ~ 70°C
- Storage Temp: -40 ~85°C
- Working Humidity: 10%~95% non-condensing

> Power

- 24VDC, 0.75A
- Power Consuption: 10W

>Security

- Integrated Firewall
- WPA/WPA2;WPA-PSK/WPA2-PSK (AES/TKIP)
  Encryption; 64/128-bit WEP;

> Interfaces

- 1x 10/100/1000 Base-T Ethernet
   (Gigabit LAN with Passive PoE)
- Reset

> LED

- Power:On/Off
- LAN:On/Off/Flashing
- WLAN:On/Off/Flashing
- RSSI Signal: 1,2,3

>Warranty

- 2 Year

>Certification

- CE, FCC,RoHS

>Package content

- WIS-S516AC
- Quick Setup Guide
- Power Adapter with Passive PoE
- Mounting kits

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