



Outdoor Wireless·Bridge·Wireless·Ap High Power CPE

AMW1502



Innovative DIP function, easiest way to set up wireless link by switching buttons.

Simple And Stable

Non-Setting·Dial Switch Wireless Bridge

Simple Installation

No extra accessories needed, easy installation with mounting kit.

Anti-Interference Performance

5.8 GHz transmission channel, achieve good performance in anti-interference and stable data transmission.

Non-Setting

Innovative DIP function, easiest way to set up wireless link by switching buttons.

Maintenance-Free

Built-in security mechanism, smart setting for scheduling restart to keep 365 day steady performance.

Product Parameters

Output Power	23dBm
Transmission Speed	150Mbps
Chipset	AR9344
Operating Frequency	5180-5240MHz/5745-5825MHz
Polarization	Vertical
Memory	DDR2 64M
Antenna Gain	12dBi
Ethernet Port	10/100Mbps
Standard	IEEE802.11a, IEEE802.11n, IEEE802.3u
Operating Temperature	-30 ~65°C
Power Supply	PoE 24V1A
Dial Switch	YES

Application Scenario



Used In Wireless Elevator Surveillance And Factory



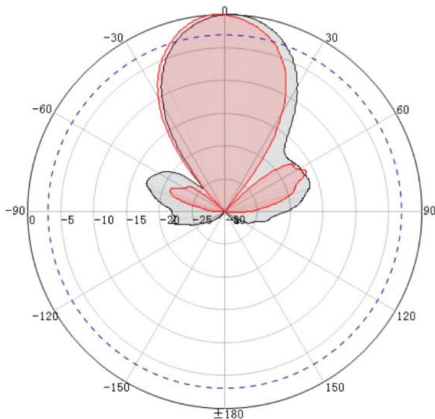
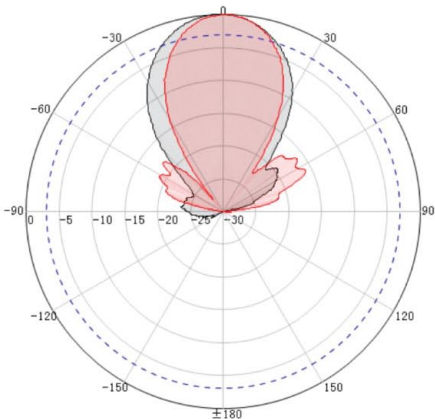
Product Features

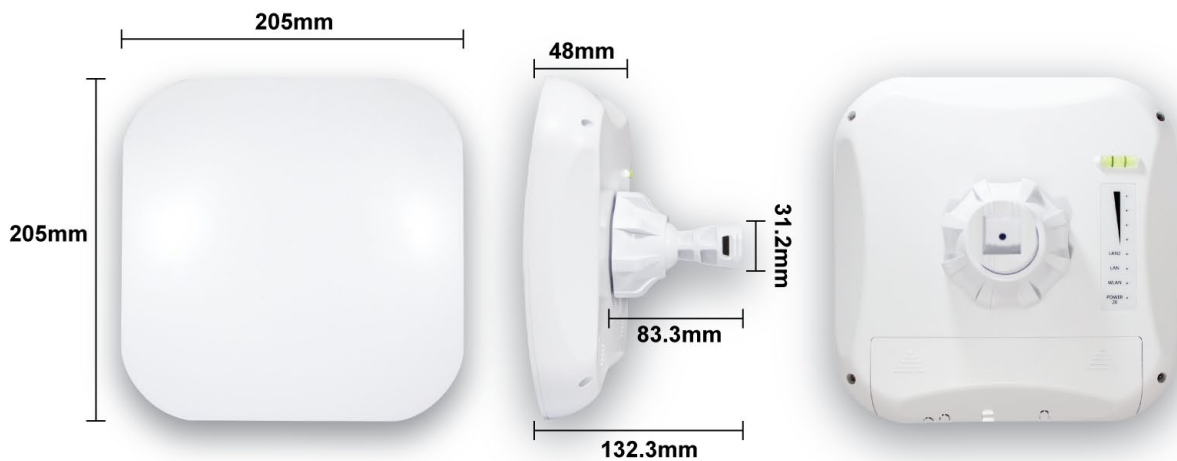
- 1. The large bandwidth of the product can satisfy the high requirement for data transmission of the dome camera, which are widely used in the tower crane in construction sites.
- 2. The software of the product has been optimized to adapt to the transmission angle autonomously.
- 3. The power of the product has been optimized to make the voltage stable.

Arc-shaped Housing
Easy to keep away from the wa-
ter and dust

Pole Mount Kit
Serrated shape, special design
for installing on the pole

Dialing Button
No complicated setting inter-
face, switching some buttons
and transmission mode auto-
matically matched





Specifications

Chipset	Atheros AR9344 600MHz					
DRAM	DDR2 64MByte					
FLASH	8MByte					
IC	SiGe5012B					
Port	10/100Mbps LAN * 2					
Speed	11a:54M,48M,36M,24M,18M,12M,9M,6Mbps					
	11n:7.2M,14.4M,21.7M,28.9M,43.3M,57.8M,65M,72.2M,14.4M,28.9M,43.3M,57.8M,86.7M,115.6M,130M,144.4 ~ 150Mbps					
Transmission	DSSS					
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK					
Standard	IEEE802.11n,IEEE802.11a ,IEEE802.3u					
Protocol	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5					
Channel	4900 ~ 6100MHz					
Power dissipation	≤3W					
Power	Standard 48V PoE (Support IEEE 802.3af & IEEE 802.3at)					
RF @25°C±2dB	802.11a	6~24Mbps		23±2dBm		
		36~48Mbps		22±2dBm		
		54Mbps		21±2dBm		
	802.11n	HT20	MCS 0-3		23±2dBm	
			MCS 4		22±2dBm	
			MCS 5		21.5±2dBm	
			MCS 6		21±2dBm	
			MCS 7		20.5±2dBm	
		HT40	MCS 0-3		22±2dBm	
			MCS 4		21.5±2dBm	
			MCS 5		21±2dBm	
			MCS 6		20.5±2dBm	
			MCS 7		20±2dBm	
Sensitivity	802.11a	6Mbps ≤ -89 ; 54Mbps ≤ -73				
	802.11n	HT20	MCS 0 ≤ -86; MCS 7 ≤ -68			
		HT40	MCS 0 ≤ -83; MCS 7 ≤ -65			
Antenna	Frequency	4900 ~ 6100MHz				
	Direction	Vertical				
	Gain	12DBi				
Management	WEP Management	Yes				
	SNMP MIB	Yes				
	Telnet	Yes				
	Serial	Yes				
Security	MAC Address Control	No				
	Encryption	WEP 64/128bits,WPA,WPA2,802.1x				
Working Condition	Working Temperature	-30 ~ 65°C				
	Storage Temperature	-50 ~ 80°C				
	Humidity (non-condensed)	≤95%				



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