

PIX-ACE023

PIX-ACE026

2.4G 300Mbps/5.8G 900Mbps Outdoor CPE
5.8G 900Mbps Long Range Outdoor CPE



Overview

The Outdoor CPE is designed to solutions for video surveillance transmission and wireless broadband access. It features with high Gain directional antenna to provide an efficient way to pick up and maintain a stable long range connection. Get rid of the transmission distance limitation and disadvantage of wired cables.

Features and Highlights

High Gain antenna & Long distance transmission

- PIX-ACE023: 8dBi Gain 2*2MIMO antenna, up to 1.5km transmission range
- PIX-ACE026: 14dBi Gain 2*2MIMO antenna, up to 4km transmission range

Professional Outdoor Design

- Working temperature:-30~55°C
- IP65
- 6kV ESD protection

Easy-to-use

- One-Key to pair
- WEB management
- AC management

PIX-ACE023

Items	PIX-ACE023
Hardware Specifications	
Ethernet Port	1*10/100Base-T PoE RJ-45 WAN (Auto-MDI/MDI-X) 1*10/100Base-T RJ-45 LAN(Auto-MDI/MDI-X)
Power Method	PoE: 24V, 0.5A
Frequency Range	2.412 GHz ~ 2.484GHz
Compliant Standards	IEEE 802.11b/g/n
Antenna Gain	8dBi
Maximum Wireless Rate	300Mbps
Flash	8MB
RAM	64MB
LED Indicator	1*System working indicator
	1*Wi-Fi state indicator
	1*WAN port state indicator
	1*LAN port state indicator
Init Button	Short press to pair Long press >10s to initialize the system
Cable	Cat5 or better
Dimensions (L*W*H)	168mm*88mm*57.6mm
Power Consumption	≤5W
Reliability	
ESD	6kV
Surge	2kV
Protection	IP65
Operating	-30°C~55°C, 5%~95% (Non-condensation)
Storage	-40°C~70°C, 5%~95% (Non-condensation)



Specifications

Items	PIX-ACE023				
2.4G Wireless Power	802.11b	11M	18±2dBm	1M	21±2dBm
	802.11g	54M	17±2dBm	6M	20±2dBm
	802.11n HT20	MCS7	16±2dBm	MCS0	19±2dBm
	802.11n HT40	MCS7	15±2dBm	MCS0	18±2dBm
2.4G Receiver Sensitivity	802.11b	11M	-85dBm	1M	-94dBm
	802.11g	54M	-72dBm	6M	-88dBm
	802.11n HT20	MCS7	-68dBm	MCS0	-86dBm
	802.11n HT40	MCS7	-66dBm	MCS0	-85dBm
2.4G EVM	802.11b: ≤-10 dB; 802.11g: ≤-25 dB; 802.11n: ≤-28dB				

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Items	PIX-ACE026
Hardware Specifications	
Ethernet Port	1*10/100Base-T PoE RJ-45 WAN (Auto-MDI/MDI-X) 1*10/100Base-T RJ-45 LAN(Auto-MDI/MDI-X)
Power Method	PoE: 24V, 0.5A DC: 12V, 1A
Frequency Range	5.150GHz ~ 5.850GHz
Compliant Standards	IEEE 802.11 a/n/ac
Antenna Gain	14dBi
Maximum Wireless Rate	867Mbps
Flash	8MB
RAM	64MB
LED Indicator	1*Power supply indicator
	1*Wi-Fi state indicator
	1*WAN port state indicator
	1*LAN port state indicator
Init Button	4*Signal strength indicator
	Short press to pair Long press >10s to initialize the system
Cable	Cat5 or better
Dimensions (L*W*H)	237mm*79.1mm*56.1mm
Power Consumption	≤8W
Reliability	
ESD	6kV
Surge	2kV
Protection	IP65
Operating	-30°C~55°C, 5%~95% (Non-condensation)
Storage	-40°C~70°C, 5%~95% (Non-condensation)



Specifications

Items	PIX-ACE026				
5G Wireless Power	802.11a	54M	22±2dBm	6M	25±2dBm
	802.11n HT20	MCS7	21±2dBm	MCS0	24±2dBm
	802.11n HT40	MCS7	21±2dBm	MCS0	24±2dBm
	802.11AC	MCS9	20±2dBm	MCS0	23±2dBm
5G Receiver Sensitivity	802.11a	54M	-75dBm	6M	-92dBm
	802.11n HT20	MCS7	-72dBm	MCS0	-90dBm
	802.11n HT40	MCS7	-70dBm	MCS0	-88dBm
	802.11AC	MCS9	-58dBm	MCS0	-76dBm
5G EVM	802.11a_54M: ≤-25 dB; 802.11n_MCS7: ≤-28 dB; 802.11AC_MCS9: ≤-32dB				

Software Architecture

Items	PIX-ACE023 e PIX-ACE026
Operating Mode	AP mode, Repeater mode
Wi-Fi	SSID number: 4
	Support SSID hidden
	Support Wireless Security: OPEN, WPA, WPA2, WPA-PSK, WPA2-PSK
	Support MAC address filter
	Support Wi-Fi Schedule
	Support wireless client isolation
	Support transmission power setting
	Support wireless access number control
Network	Support VLAN
	Support DHCP server
System Management	Support system settings backup & restore
	Support system reboot & schedule reboot
	Support web upgrading
	Support history record, journal management