DATASHEET
Outdoor CPE

11ac 900Mbps Outdoor AP/CPE

INTRODUCTION

Air Bridge Lite5 is an economic 11ac outdoor CPE with 900Mbps data rate. Comply with IEEE 802.11b/g/n/ac standard, with 12dBi dual polarized high ain antenna, suitable for the PTP/PTMP distance is more than 2000 meters.

It supports Wireless AP, Wireless Bridge operation mode for PTP/PTMP connections, with slid switch on device, easy to set CPE operation mode, no need to access into GUI, avoid the complex setup program; With LED display, simple to set the IP address, channel and view the connected status and signal strength, save much human work and cost, make the long-range wireless coverage, data transmit and wireless monitoring simple and professional.

Air Bridge Lite5 with ABS waterproof, dustproof and sunscreen shell, temperature adaptive.It supports 24V passive PoE, ESD protection and surge protection, ideal for outdoor use;

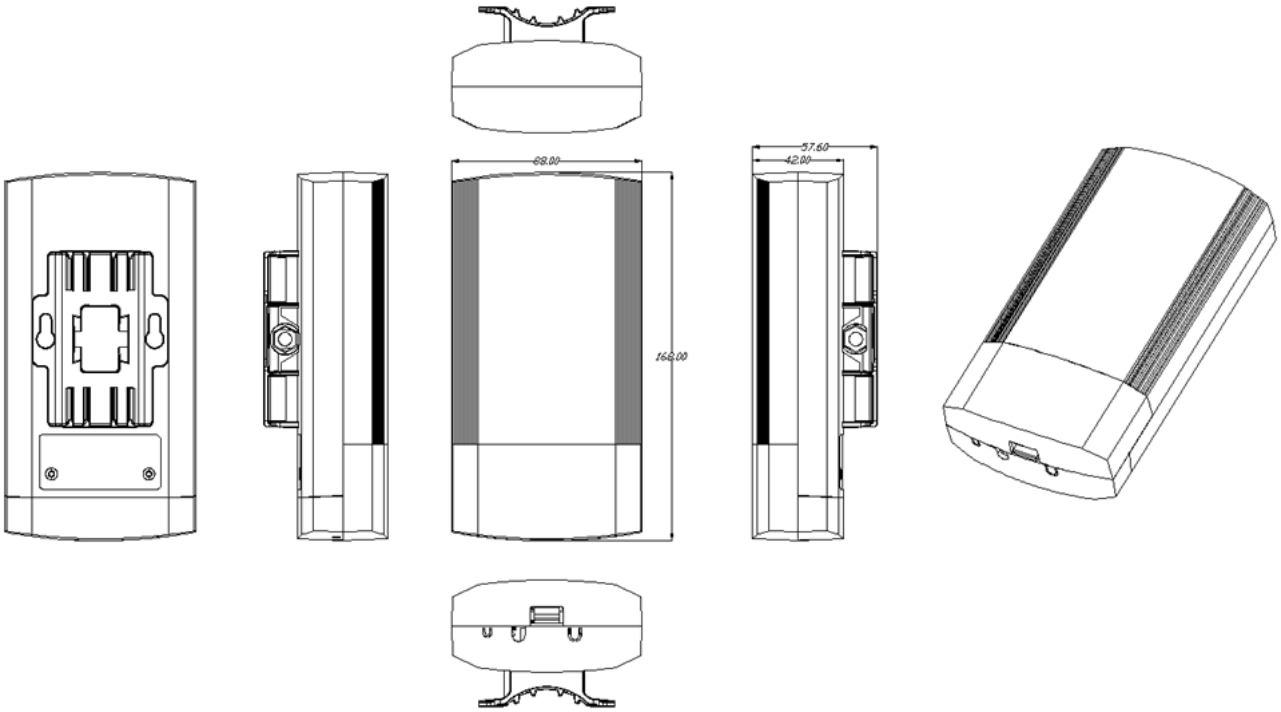
Most Important, Bridge Lite 5 support watchdog self-detection function, reboot and recover device automatically if some network attack.

SPECIFICATIONS

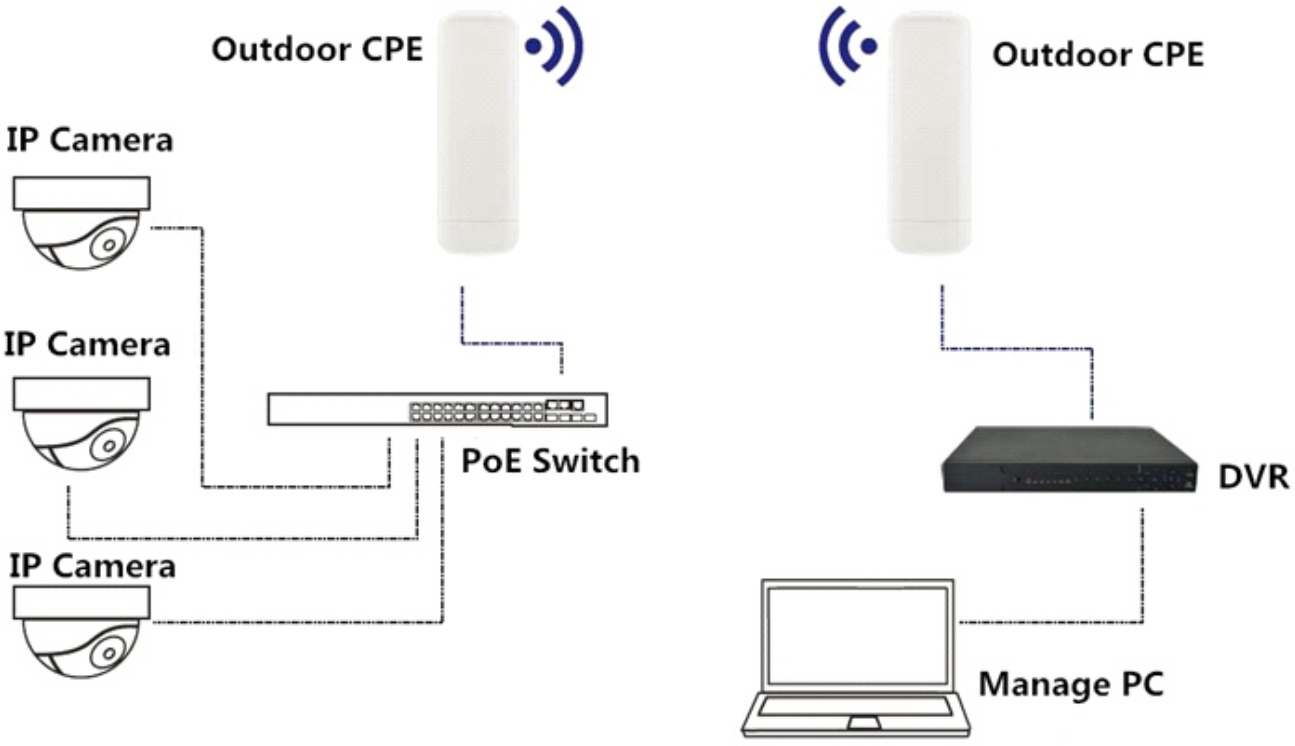
Specification:	
Wireless	IEEE 802.11 a / n /ac, 2T2R 900Mbps MIMO Technology
Frequency	5.150GHz ~ 5.850GHz
Data Rate	900Mbps
WAN	1 * 10/100Mbps RJ45 WAN Port
LAN	1 * 10/100Mbps RJ45 LAN Port
Buttons	1 * Slid Switch to change the operation mode, H mean host, AP mode; C mean client, Repeater mode. 1 * LED display with F(function) and S(select) buttons, show and set operation mode, channel, IP address, signal strength. 1 * Reset Button, press 3 second, work with slid switch to change the operation mode; Press 10 seconds, the device will revert to factory default settings.
Antenna	12dBi Panel Antenna
RF Power	≤ 22dBm
PoE Power	POE 24V/0.5A
Power consumption	< 8W
Waterproof Level	Ip65
ESD Protection Standard	Contact Discharge: ±6KV; Air Discharge: ±8KV
Surge Protection Standard	Common mode: ±2KV; Differential mode: ±1KV (Optional: Common mode: ±4KV; Differential mode: ±2KV)
LED Light	Sys (System), WAN, LAN, Wi-Fi
Size	168mm*88mm*47.6mm
Working Temperature	-30°C ~ 55°C
Storage Temperature	-40°C ~ 70°C
Humidity	5% ~ 95% (non-condensing)
Operation Mode	Wireless AP, Wireless Bridge

Protocol/Standard	IEEE 802.3(Ethernet) IEEE 802.3u(Fast Ethernet) IEEE 802.11b/g/n/ac
Other Features	SSID: up to 4 Support SSID hide Wireless security: OPEN、WPA、WPA2、WPA-PSK、WPA2-PSK Wireless MAC filter: support white list (32) Wi-Fi timed off/on User isolation: wireless network isolation, AP insolation RF power adjustable Support Watchdog Technology With Wi-Fi Channel Analysis Tool
Device Management	Central Managed by WLAN Controller in AP Mode Backup the configuration information Restore the configuration information Revert to factory default Restart: Immediately restart or timed restart Firmware upgrade Time management: system time management and synchronization time. System Log
Package:	
Air Bridge Lite5 unit	
24V/0.5A PoE Adapter	
User Manual	
LAN Cable	

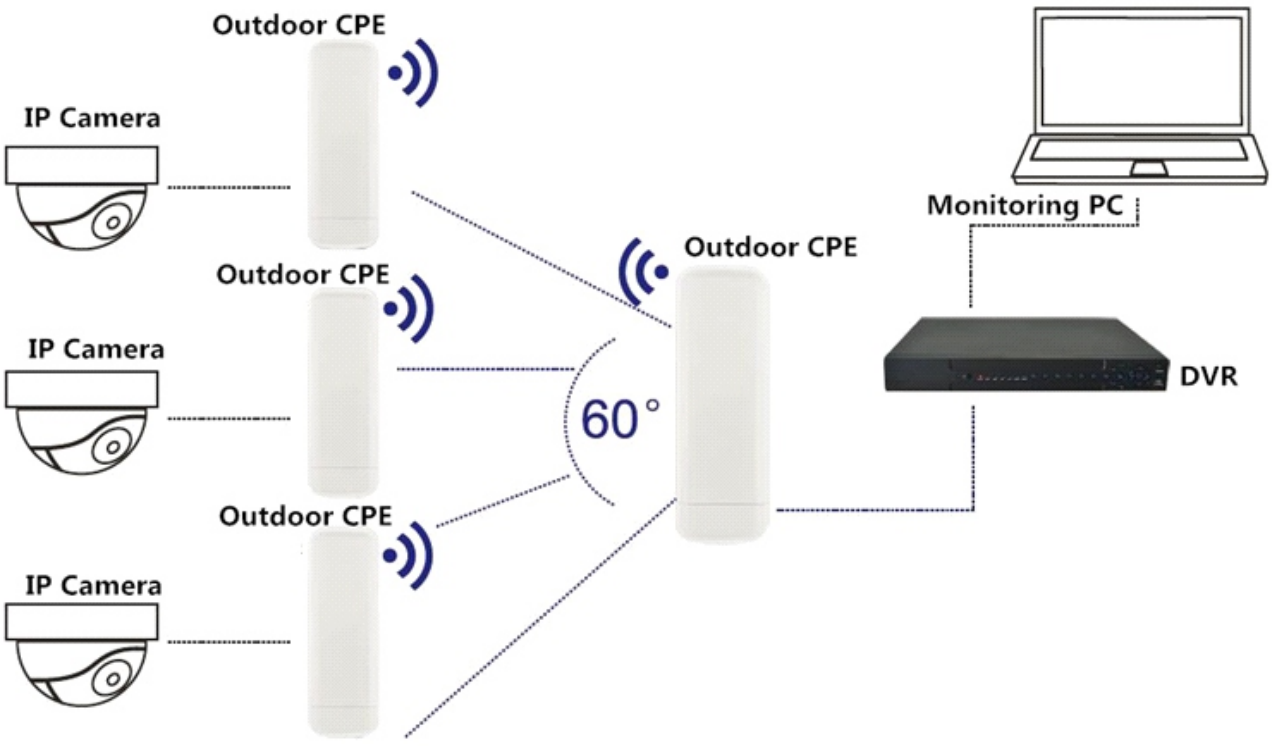
PRODUCT STRUCTURE:



WORKING DIAGRAM:



POINT TO MULTI-POINT CONNECTION:



Air Pro

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