



5.8GHZ OUTDOOR DIP ACCESS POINT  
(900MBPS WIRELESS SPEED, 2X GIGABIT  
LAN PORT PORT, 24VDC POE POWERED,  
3KM TRANSMISSION RANGE)

# AP50902P3



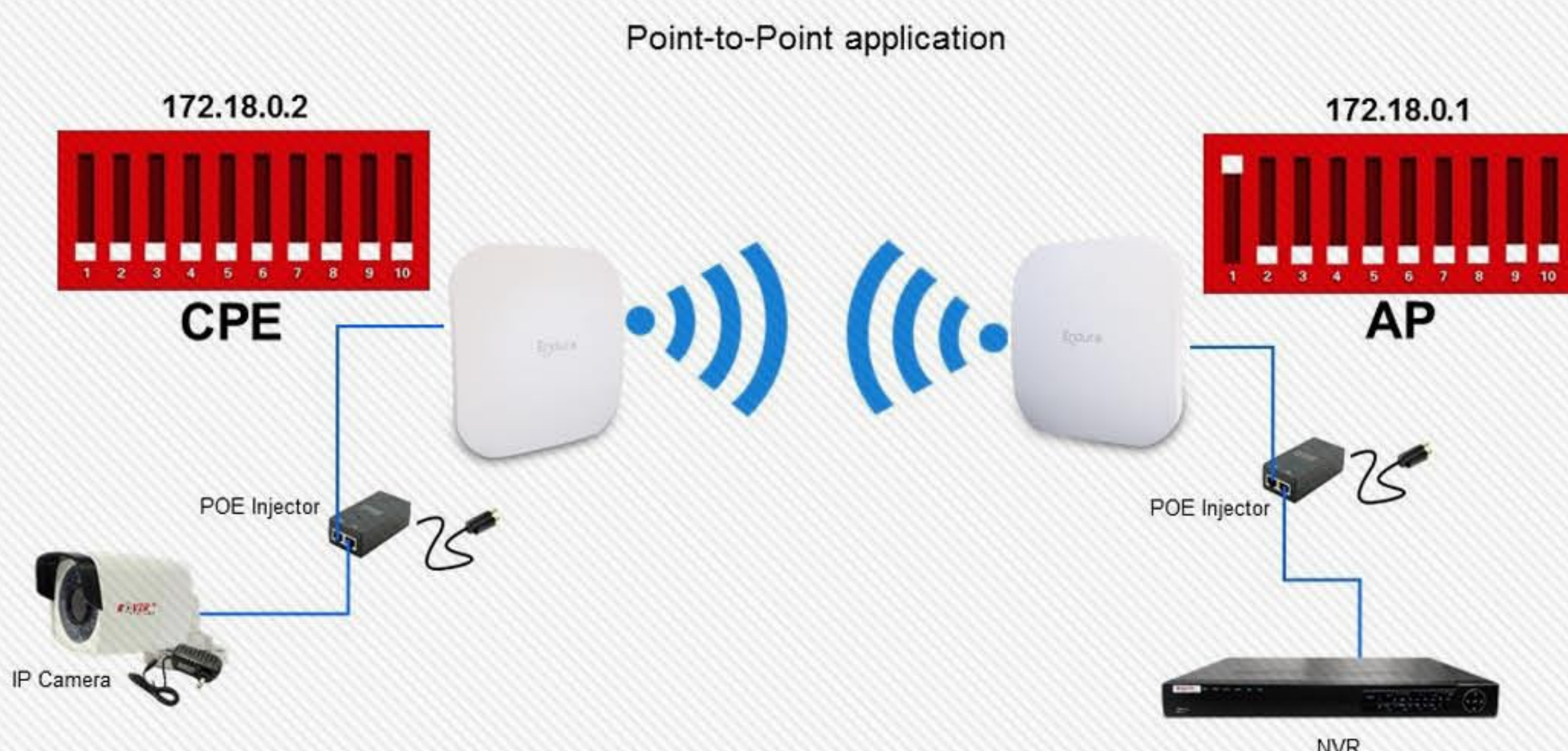
## GENERAL DESCRIPTION

- No PC required, DIP switch selectable channels;
- Setup link in just seconds;
- Up to 900Mbps throughput;
- Built with 2x 10/100/1000M LAN interface;
- Power over Ethernet;
- Up to 3Km link within line of sight;

## DIMENSIONS



## CONNECTION DIAGRAM



## SPECIFICATIONS

MODEL		AP50902P3		
Chipset	QCA9563+ QCA9882			
Memory	DDR2 128MByte			
Storage	16MByte			
IC	SKY85728*2			
Port	10/100/1000Mbps LAN*2			
Speed	867Mbps			
Modulation	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256QAM, DBPSK, DQPSK, CCK			
Standard	IEEE802.11a, IEEE802.11n, IEEE802.3u, IEEE802.11ac			
Channel	5180Mhz~5825Mhz			
Power Dissipation	≤7W			
Power	POE 24V 1A			
RF @25±2dB	802.11a	6-24Mbps	26±2dBm	
		36-48Mbps	25±2dBm	
		54Mbps	24±2dBm	
	802.11ac	HT20	MCS 0-3	26±2dBm
			MCS 4	25±2dBm
			MCS 5	24.5±2dBm
			MCS 6	24±2dBm
		HT40	MCS 0-3	25±2dBm
			MCS 4	24.5±2dBm
			MCS 5	24±2dBm
		HT80	MCS 0-3	18±2dBm
			MCS 4	18±2dBm
			MCS 5	18±2dBm
			MCS 6	18±2dBm
Sensitivity 5.8G	802.11a	6Mbps ≤ -89; 54Mbps ≤ -73		
		HT20	MCS 0 ≤ -94; MCS 7 ≤ -76	
	802.11ac	HT40	MCS 0 ≤ -92; MCS 7 ≤ -76	
		HT80	MCS 0 ≤ -90; MCS 7 ≤ -67	
	Antenna	Frequency	4900~6100MHz	
		Direction	Horizontal/Vertical	
Gain		16DBi		
Management	WEB management	Yes		
	SNMP MIB	Yes		
	Telnet	Yes		
	Serial	Yes		
Security	Encryption	WEP 64/128bits, WPA, WPA2, 802.1x		
IP Rating	IP65			
Working Condition	Working Temperature	-30~65°C		
	Storage Temperature	-50~80°C		
	Humidity			
	(non-condensed)			

Disclaimer: Design & specifications are subject to change without prior notice.

