



5.8GHZ OUTDOOR DIP ACCESS POINT  
(150MBPS WIRELESS SPEED, 2X FAST  
ETHERNET LAN PORT, 24VDC POE  
POWERED, 2KM TRANSMISSION  
RANGE)

# AP50152P2 AP50152P2B



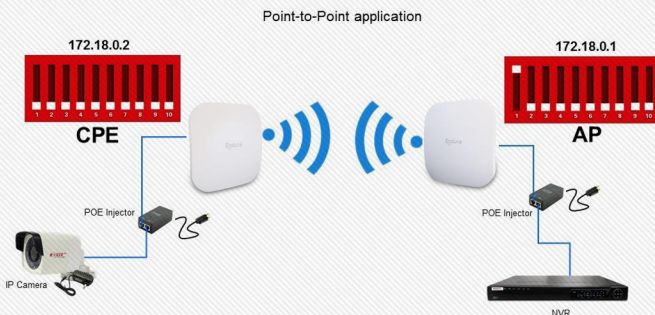
## GENERAL DESCRIPTION

- No PC required, DIP switch selectable channels;
- Setup link in just seconds;
- Up to 150Mbps throughput;
- Built with 2x 10/100M LAN interface;
- Power over Ethernet;
- Up to 2Km link within line of sight;

## DIMENSIONS



## CONNECTION DIAGRAM



## SPECIFICATIONS

MODEL	AP50152P2	AP50152P2B		
Chipset	Atheros AR9344 600MHz			
Memory	DDR2 64MB			
Storage	8MB Flash			
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, IEEE802.11g, IEEE802.11b, IEEE802.3u	IEEE802.11n, IEEE802.11a, IEEE802.3u		
Protocol	CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5			
Channel	4900~6100MHz	5180Mhz~5825Mhz MHz		
Power Dissipation	≤3W			
Power	PoE 24V 1A /48V 0.5A	PoE 48V 0.5A		
RF @25°±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
		HT40	MCS 7	20.5±2dBm
			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		
	Polarization	Vertical		
	Gain	10DBi	12DBi	
Management	WEB Management	Yes		
	SNMP MIB	Yes		
	Telnet	Yes		
	Serial	Yes		
Security	Encryption	WEP 64/128bits, WPA, WPA2, 802.1x		
IP Rating	IP65			
Operating Condition	Operating Temperature	-30~65°C		
	Storage Temperature	-50~80°C		
	Humidity	≤95%(non-condensed)		

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