



5.8GHZ OUTDOOR DIP ACCESS POINT  
(150MBPS WIRELESS SPEED, 1X FAST  
ETHERNET LAN PORT, 12VDC 1A INPUT  
VOLTAGE, 1KM TRANSMISSION  
RANGE)

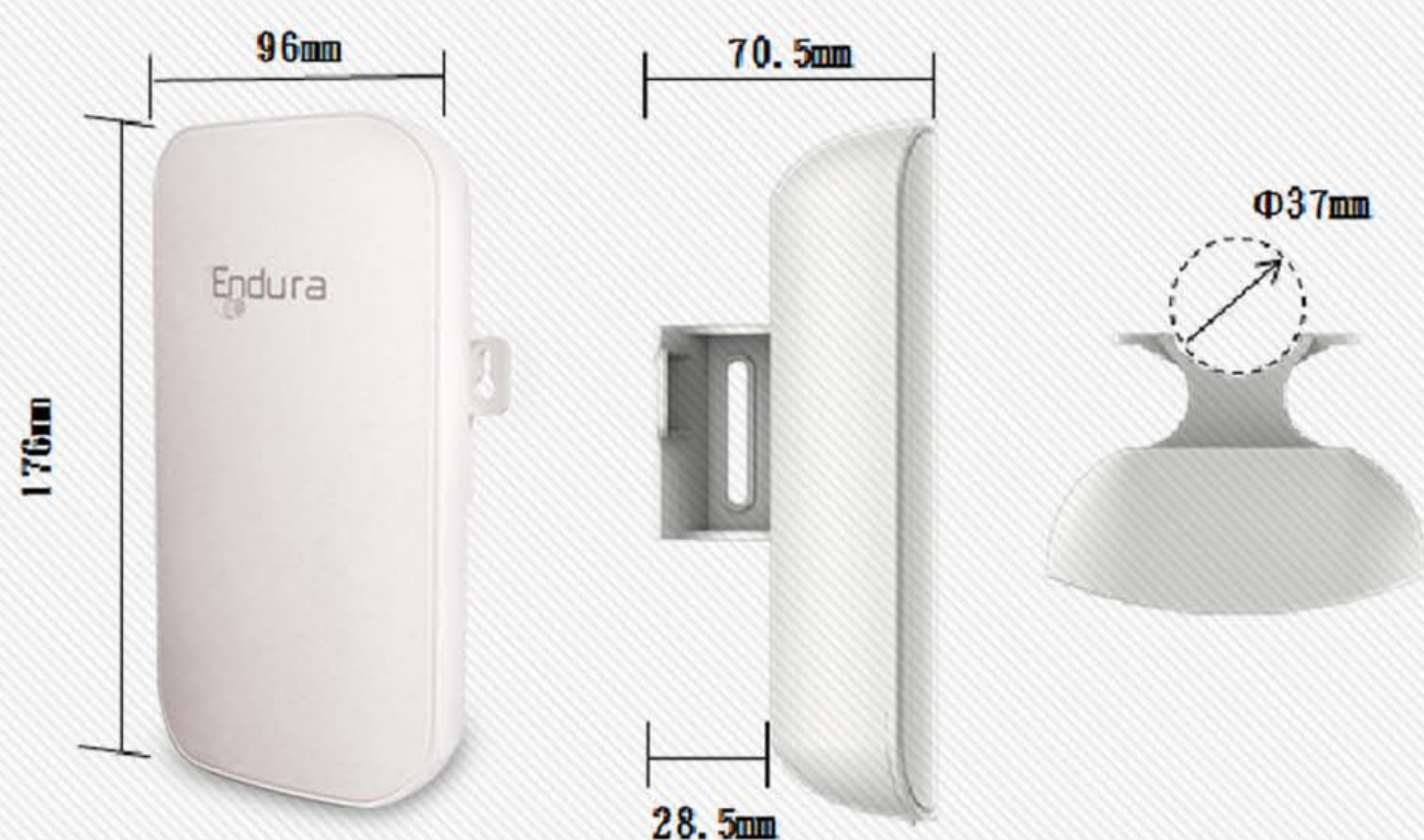
# AP50151E1



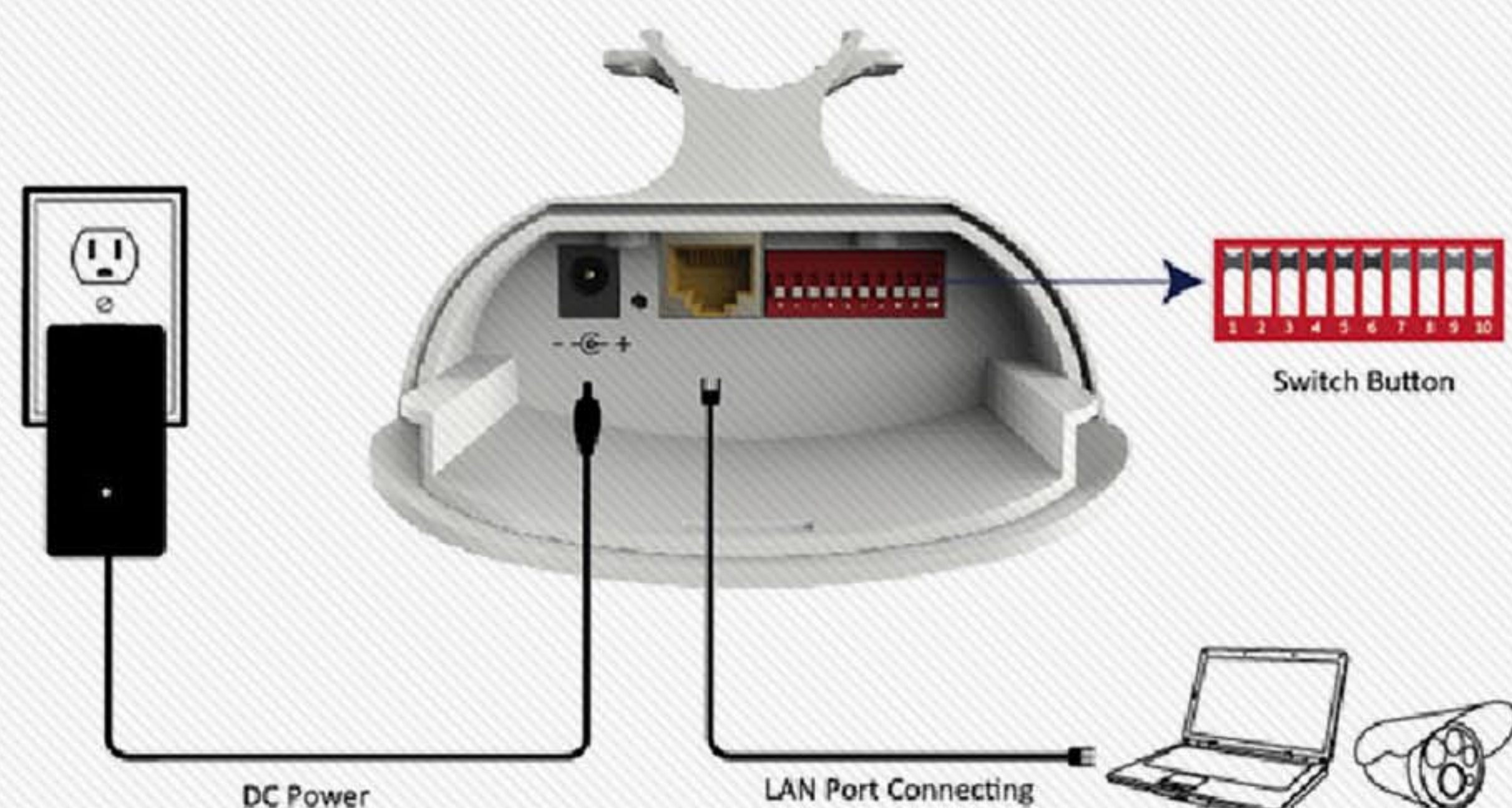
## GENERAL DESCRIPTION

- No PC required, DIP switch selectable channels;
- Setup link in just seconds;
- Up to 150Mbps throughput;
- Built with 1x 10/100M LAN interface;
- Powered through 12VDC 1A input voltage;
- Up to 1Km link within line of sight;

## DIMENSIONS



## CONNECTION DIAGRAM



## SPECIFICATIONS

MODEL	AP50151E1					
Chipset	Atheros AR9344 600MHz					
Memory	DDR2 64MB					
Storage	8MB Flash					
IC	SiGe5012B					
Port	10/100Mbps LAN*1					
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,144.4Mbps					
Transmission	DSSS					
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK					
Standard	IEEE802.11n,IEEE802.11g,IEEE802.11b,IEEE802.3u					
Protocol	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5					
Channel	4900~6100MHz					
Power Dissipation	≤3W					
RF @25°±2dB	802.11a	6-24Mbps	23±2dBm			
		36-48Mbps	22±2dBm			
		54Mbps	21±2dBm			
	HT20	MCS 0-3	23±2dBm			
		MCS 4	22±2dBm			
		MCS 5	21.5±2dBm			
		MCS 6	21±2dBm			
		MCS 7	20.5±2dBm			
		802.11n	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				
	Polarization	Vertical				
	Gain	10DBi				
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.

