

XP-451-L

Product specifications and hardware specifications

Product model	XP-451-L (300Mbps)		
Product specifications	CPE size 310*95*75MM, Outdoor300M CPE 802.11 a/n ,2*2 MIMO Nonstandard POE 24V 5.8G 21dbi Antenna 2PXS Hundred trillion eight needles RJ45 1PCS LED Display		
Main chip	AR9344		
DRAM	DDR2 64MByte		
FLASH	8MByte		
Network interface	10/100Mbps LAN*2		
Data rate	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 mode	Direct sequence spread spectrum (DSSS)		
Modulation method	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK		
Standard	IEEE802.11n,IEEE802.11a ,IEEE802.3u		
Support agreement	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5		
Frequency range	4900~6100MHz		
power waste	≤3W		
Power Supply	POE 24V 1A(default)(Maximum voltage24V)		
°C RF Power @25 ±2dB	802.11a	6-24Mbps	23±2dBm
		36-48Mbps	21±2dBm
		54Mbps	20±2dBm
		MCS 0-3	23±2dBm
		MCS 4	21±2dBm
		MCS 5	20±2dBm
MCS 6		20±2dBm	

		HT20	MCS 7	19±2dBm
	802.11n	HT40	MCS 0-3	21±2dBm
			MCS 4	21±2dBm
			MCS 5	20±2dBm
			MCS 6	19±2dBm
			MCS 7	18±2dBm
Receiver sensitivity	802.11a	6Mbps ≤ 92dBm ; 54Mbps ≤ -76dBm		
	802.11n	HT20	MCS 0 ≤ -86; MCS 7 ≤ -68dBm	
		HT40	MCS 0 ≤ -83dBm; MCS 7 ≤ -65dBm	
Antenna system	Frequency range	5180~5825MHz		
	Polarization direction	Vertical(Level60°/Vertical30°)		
	Antenna gain	21DBi		
Administration	WEP	Support		
	Telnet	Support		
	Serial	Support		
Security	MAC Address control	Support		
	Encryption	WEP 64/128bits,WPA,WPA2,802.1x		
Work / storage environment	Working temperature	-30~65		
	Storage temperature	0~40		
	Humidity (non concentrated)	≤95%		