

Long Range HB Wireless

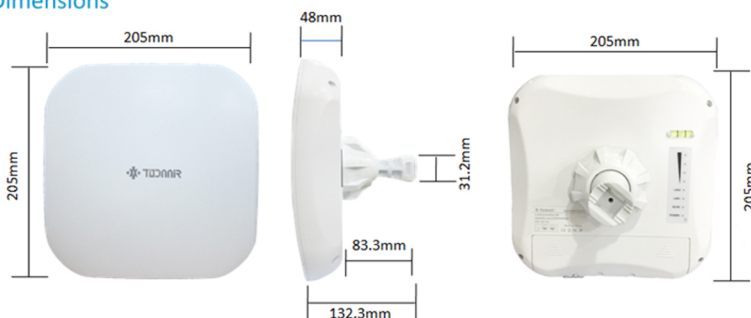
Long Range High Bandwidth Wireless

900' - 9800' range

Features

- 900' - 9800' Wireless transmission range with line of sight
- Completely Plug-N-Play connection. Simply aim them at each other and they will connect automatically.
- POE power injector included with each panel
- Qualcomm Atheros AR9344 600Mhz Chipsets, and have 64Mb of DDR2 Memory, as well as 8Mb of Flash Memory for saving settings.
- Encrypted using WEP 64/128 bits, WPA, WPA2 or 802.1x.
- 48V POE compatible for use with the supplied POE injector and other POE switches as well.
- A single panel can easily handle 32Mbps bandwidth.
- Two or more panels can be used to point to a single access point as long as they angle between panels is no more than 60°.
- Mountable on flat surfaces and on poles up to a 2" diameter. Longer bands available as an upgrade.

Dimensions



ECW-Long				
Chipset	Atheros AR9344 600MHz			
Memory	DDR2 64MB			
Storage	8MB Flash			
IC	SiGe5012B			
Port	10/100Mbps LAN*2			
Speed	300Mbps			
Transmission	DSSS			
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK			
Standard	IEEE802.11n, IEEE802.11a, IEEE802.3u			
Protocol	CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP, NDIS3, NDIS4, NDIS5			
Channel	4920~6085MHz			
Power dissipation	≤6W			
Power	48V 0.5A			
RF @ 25°C±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
		HT40	MCS 6	21±2dBm
			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 / Horizontal		
	Gain	16DBi		
Management	WEP Management	Yes		
	SNMP MIB	Yes		
	Telnet	Yes		
	Serial	Yes		
Security	MAC Address Control	No		
	Encryption	WEP 64/128bits, WPA, WPA2, 802.1x		
Operating Condition	Operating Temperature	-30~65°C		
	Storage Temperature	-50~80°C		
	Humidity	≤95% (Non-condensed)		
Dimensions	205*205*132.3MM (8.07*8.07*5.21")			



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