

DATASHEET

TBK-ANT3300



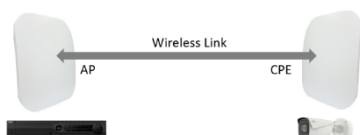
MAIN FEATURES

- Up to 3Km range.
- Up to 300 Mbps.
- Transmission at 5.8GHz.
- Plug&Play system.
- Can be used for point-to-point link, or for point-to-multipoint, connecting one AP with up to 4 CPE units.
- Powered through POE injector (included).
- Dimensions: 205 x 205 x 132.2 mm.

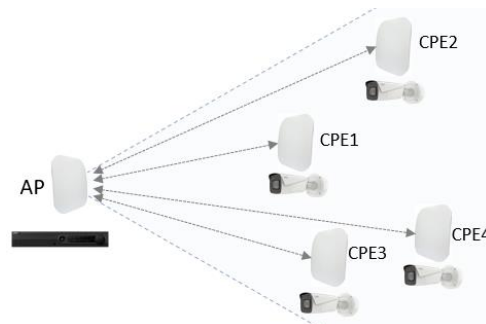
AP/CPE with integrated antenna, for wireless links of up to 3Km range at up to 300Mbps. Can be used for point-to-point link (using 2 units, one setup as AP and the other one as CPE), or for point-to-multipoint (connecting one AP unit and up to 4 CPE units).

APPLICATION SCENARIOS

Point to Point Wireless Links



Point to Multipoint Wireless Links




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SPECIFICATIONS

Chipset	Atheros AR9344 600MHz			
Memory	DDR2 64MB			
Storage	8MB Flash			
IC	SiGe5012B			
Port	10/100Mbps LAN x 2			
Speed	300 Mbps			
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	5150-5825MHz			
Power dissipation	≤6W			
Power	POE 24V 1A /48V 0.5A			
RF @25°C±2dB	802.11a	6-24Mbps	26±2dBm	
		36-48Mbps	25±2dBm	
		54Mbps	23±2dBm	
	802.11n	HT20	MCS 0-3	26±2dBm
			MCS 4	25±2dBm
			MCS 5	24.5±2dBm
			MCS 6	25±2dBm
			MCS 7	24.5±2dBm
		HT40	MCS 0-3	26±2dBm
			MCS 4	25.5±2dBm
			MCS 5	25±2dBm
			MCS 6	24.5±2dBm
			MCS 7	24±2dBm

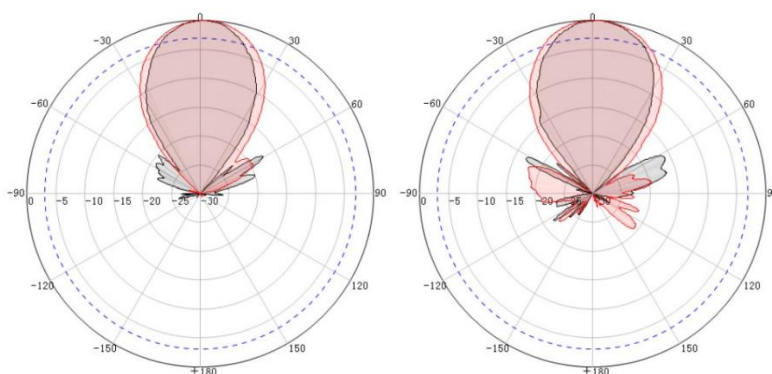


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SPECIFICATIONS

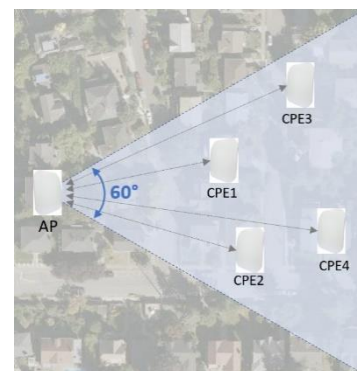
Sensitivity	802.11a	6Mbps ≤ -89; 54Mbps ≤ -73	
	802.11n	HT20	MCS 0 ≤ -86; MCS 7 ≤ -68
		HT40	MCS 0 ≤ -83; MCS 7 ≤ -65
Antenna	Frequency	5150-5825MHz	
	Polarization	Vertical/Horizontal	
	Gain	16 dBi	
Management	WEP Management	Yes	
	SNMP MIB	Yes	
	Telnet	Yes	
	Serial	Yes	
Security	MAC Address Control	No	
	Encryption	WEP 64/128bits, WPA, WPA2, 802.1x	
Operating Condition	Operating Temperature	-30~65°C	
	Storage Temperature	-50~80°C	
	Humidity	≤95% (Non-condensed)	

ANTENNA RADIATION DIAGRAM



Antenna Gain: 16 dBi

The AP can cover an area of 60 degrees where the CPEs can be located.





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DIMENSIONS

