



Military grade outdoor wireless Access point/ Bridge / Client product, for use in ISM band of 2.4GHz. The high power output enables long distance connectivity not possible otherwise.

- StreamEngine™ QoS Technology within CPU
- Net Accelerator supports heavy data traffic
- Supports data rates up to 108 Mbps.
- 1 Watt Output Power (without antenna gain)
- RADIUS MAC authentication and MAC Address Filtering
- Supports bandwidth and SNMP Management control
- Provide Window-base Utility, Web, CLI (Command Line Interface) Configuration
- Adjustable Tx Power settings
- Configurable ACK timeout for long distance

Standard Compliance:	IEEE 802.11 Based MAC/PHY (802.11b/g) Radio board is 802.11 a/b/g	
Modulation:	OFDM w/ BPSK, QPSK, 16 QAM, 64 QAM Modulation	
Frequency Band:	2.4GHz: IEEE 802.11b/g ISM Band USA (FCC): 2.412 GHz ~ 2.462 GHz (CH1 ~ CH11) Europe (ETSI): 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13) Japan (TELEC): 11b: 2.412 Ghz ~ 2.484 GHz (CH1 ~ CH14) 11g: 2.412 GHz ~ 2.472 Ghz (CH1 ~ Ch13)	
Data Rate:	54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, and 1 Mbps	
Output Power (200mW) radio only	IEEE 802.11b: 23dBm (+/- 1.5dB) @ 1/2/5.5/11Mbps IEEE 802.11g: 20dBm (+/- 1.5dB) @ 54 Mbps 21dBm (+/- 1.5dB) @ 48 Mbps 22dBm (+/- 1.5dB) @ 36 Mbps 23dBm (+/- 1.5dB) @ 24~6 Mbps	
Mounting:	For both wall and pole mount	
Enclosure:	IP66 Die Cast Aluminum, Grey (9"x6"x3")	
Receive Sensitivity:	IEEE 802.11g 54Mbps: ≤ -72dBm 48Mbps: ≤ -75dBm 36Mbps: ≤ -78dBm 24Mbps: ≤ -82dBm 18Mbps: ≤ -84dBm 12Mbps: ≤ -86dBm 9Mbps: ≤ -88dBm 6Mbps: ≤ -90dBm	IEEE 802.11b 11Mbps: ≤ -87dBm 5.5Mbps: ≤ -88dBm 2Mbps: ≤ -90dBm 1.6Mbps: ≤ -92dBm
RF Channels	3 Non-overlapping Channels	
Data Security:	WPA/WPA2, 64/128 bit WEP, Radius MAC Authentication, MAC Address Filtering	

Bandwidth Options:	250MHz (5,10 and 20 available for 802.11a)
Management:	Web, SNMP based Management and CLI
Ethernet:	10/100 BaseT
Antenna Connector:	N-type Female
Signal Indicator:	5 Ultra-bright LEDs
DC Power Input:	Includes 48VDC Adapter and PoE Injector with surge protection IEEE 802.3af compliant 12VDC Cigar Lighter Power Port
Operating Temperature	-40° C to + 70° C
Utility:	WATCHDOG
Weight:	3.3lbs
Access Point Feature:	Wireless Distribution System (WDS) allows APs to wirelessly connect to each other while servicing clients

Optional: Amplifier Specifications

Operating Mode:	TDD, Time Division Duplex
Transmit Power:	30dB, 1Watt
Transmit Gain:	16dB, (22dB optional, set at factory)
Transmit Input Power:	5dB min, 18dB max
Receive Gain:	10dB
Noise Figure	3.5dB
Power Consumption:	Rx:45mA @ 12VDC Tx:700mA @ 12VDC
DC Power Input:	DC jack 12v DC max
POE Power Input:	12 – 60V DC
Weight:	5.0 Oz. (with mounting plate)