



MT-WA900N

300Mbps Wireless Outdoor MIMO Station.

802.11n 2x2 Long-Range Outdoor AP/CPE 2x RP-SMA female connector

Spotlight:

Completely integrated Radio

Robust Weather proof design

Description:

MT-WA900N is a cost effective 802.11n outdoor AP/CPE operating in a 2.4GHz band that is also compliant with IEEE 802.11b/g standard.

It builds-in external 2x RP-SMA female connector for all kind of applications and antennas with dual Ethernet ports. The MT-WA900N support passive PoE allowing easy installation without any environment limitation.

It's a rugged, hi-power, very linear 2x2 MIMO radio with enhanced receiver performance. It features incredible range performance (50+km) and breakthrough speed (300+Mbps real TCPI/IP). The device was specifically designed for outdoor PtP bridging and PTMP base-station applications.

Features

- High Performance MIMO 2x2 TDMA Architecture
- Extended Outdoor Range
- External status LEDs
- External reset button
- Pole, Wall or Window mount options

Specifications:

CPU	Atheros AR7240 400Mhz						
Flash	8MB						
RAM	32 MB						
Interface	2 x RJ45 & 1x Reset						
Antenna	External 2x RP-SMA Antenna Connector						
Output Power (dBm)	802.11b	1Mbps	29 ± 1.5	802.11g	6Mbps	29 ± 1.5	
		2.2Mbps	29 ± 1.5		24Mbps	29 ± 1.5	
		5.5Mbps	29 ± 1.5		36Mbps	29 ± 1.5	
		11Mbps	29 ± 1.5		54Mbps	29 ± 1.5	
	802.11n	MCS0	29 ± 1.5				
		MCS3	29 ± 1.5				
		MCS6	29 ± 1.5				
		MCS9	29 ± 1.5				
		MCS12	29 ± 1.5				
	Sensitivity(dB)	802.11b	1Mbps	-95	802.11g	6Mbps	-90
			2.2Mbps	-94		24Mbps	-82
			5.5Mbps	-92		36Mbps	-80
			11Mbps	-90		54Mbps	-75
802.11n		MCS0	-91				
		MCS3	-83				
		MCS6	-74				
		MCS9	-89				
		MCS12	-80				
MCS15	-72						
Operation Mode	AP Bridge, Client Bridge, Client Router, AP Router						
Software	Site Survey, Bandwidth Control, SNMP v1/v2 support, adjustable output power, Distance Adjustment, Radius (802.1x)						
Mounting	Pole Mount (Standard), Adjust Angle Mount (Option)						
Size	27.5 X 9.3 X 4.5 (cm)						
Temperature	Operating: -30 - 75°						
Storage:	-40 - 80°						
Humidity Operating:	5 - 95%						
Power Source	24V PoE Adapter						