

WR-558

FEATURES

- Easy installation, Flexible Placement
- Supports Router, AP, Repeater, WISP modes
- High Transmission Power up to 100 mW for Extreme Wi-Fi Coverage
- Features 2 x RP-SMA connectors for external antennas
- Robust weatherproof enclosure design, 15KV ESD and 4KV Lightning Protection
- Supports Passive PoE power supply (through network cable) up to 60 meters
- Complies with IEEE 802.11 b/g/n standards, wireless speed up to 300 Mbps
- Supports 128 bit WPA/WPA2 (TKIP/AES)
- Features 7 x status LED indicators



Wireless Speed up to 300Mbps



Built-in High Power Amplifiers to Eliminate Wi-Fi Dead Zones



Passive power over Ethernet(POE) Cable for Flexible Placement



High Transmission Power up to 100 mW for Extreme Wi-Fi Coverage



Weatherproof Enclosure, 15KV ESD and 4KV Lightning Protection



Hardware	
Ports	1 x WAN/LAN
Button	1 x Reset
LED	1 x Power, 1xWAN/LAN, 1 x WiFi , 3 x Signal
Chipset	MT7628NN
Flash	32Mb
DDR2	512Mb
Power Supply	DC24V / 0.5A Power over Ethernet (Passive PoE)
Power Consumption	7W MAX
Rated Voltage/ requency	input:100-240 Va.c. 50/60Hz
Dimensions	
Unit Dimensions	180mm x 50mm x 50mm (L x W x H)
Environmental	
Operating Temperature	-30 °C to 70 °C (-22 to 158 °F)
Storage Temperature	-40 °C to 70 °C (-40 to 158 °F)
Relative Humidity(Operational)	10%~90%,noncondensing
Relative Humidity(Storage)	10%~90%,noncondensing
Wireless	
Standard	IEEE 802.11b/g/n
Frequency band	2.4GHz
Transmit Power	30DBm MAX
Sensitivity	802.11b: -93dBm /802.11g: -73dBm / 802.11n: -68dBm
Speed	11n: Up to 300 Mbps (dynamic), Up to 300Mbps(dynamic) 11g: Up to 54 Mbps (dynamic), 11b: Up to 11Mbps (dynamic)
Wireless Security	WPA-PSK/ WPA2-PSK encryption
Antennas	2x7dBi Omni Directional Antennas
Distance	Outdoors 500m, Indoor 150m (According to the actual environment change)
Software	
WAN Type	PPPoE, Dynamic IP, Static IP, WISP, Repeater
DHCP Settings	Server, Client,
Function	Time Setting DDNS Static Router DHCP Server Wireless Setting