

MMS Max: Outdoor

Long-Range Bridge/AP (2x2)

Summary:

- Industrial grade 802.11ac dual frequency outdoor AP
- Designed for harsh urban environment
- Intelligent signal processing for congested dense environments
- Stable Wireless Coverage Area
- Long Distance Backhaul

Application Scenarios:

AP Application

Provides a wide range of wireless signal coverages for university, residential and city-wide mesh deployments

Bridge Application

Can develop a wireless bridge between AP's utilizing the WDS feature

AP and Bridge Application

Dual-Band enable AP and Bridge functionality through 2.4 and 5G

Product Features:

- Dual Band (concurrent 2.4GHz/5Ghz)
- 802.11 ac standard – 2x2 MIMO
- Max Throughput
 - 867 Mbps (5G)
 - 300 Mbps (2.4G)
- Integrated TDMA Technology
- 4 Operation Modes
 - AP, AP-WDS
 - Station, Station-WDS
- Point to Point/Multi-Point Connectivity
- Multi-hop technology supports density
 - Utilizes a relay link for complicated deployments
- Wireless Multimedia Optimization:
 - Guarantees video/traffic shaping
- Wireless Load-Balancing
- Dual Backup Firmware
- Remote Configuration and Management
- Supports SNMP
- Standard 802.3at PoE+

Product Introduction:

Industry Leading Design

The MMS Max features an industry leading design; full AP and Bridge functionality in a streamlined enclosure with extremely low power consumption

Technology

- MIMO – improved wireless data rate and signal quality
- TDMA technology solves hidden-node problems associated with 802.11 deployments
 - Improves PTMP performance
 - Wireless bandwidth efficiency
- Auto ACK time-out adjust
- Auto detect Bridges and Aps
- Intelligent Rate Control Algorithm
- Wi-Fi WAN or LAN port configuration

Convenient Relay Technology

- Deployments without Line of Sight

Intelligent PoE

- Ideal for outdoor applications
- Remote Reset via PoE power supply
- Standard 802.3at PoE

Product Specifications:

CPU/Baseband Radio:	QCA9557&QCA9882
Memory:	128MB DDR2/16MB Flash
Physical Interface:	1x10/100M/1000M
Power Requirement:	PoE

Protocol:	802.11b/g/n/a/n/ac, TDMA
Operation Mode:	AP, Station, WDS AP, WDS Station
Networking:	Bridge, Router
Operating Frequency:	2.400-2.500GHz 5.745-5.825GHz
Security:	WPA/WPA2, Hidden SSID, IP/Mac filtering
Configuration:	Web based configuration, AC and SNMP Management
Firmware Update:	Update via browser or AC

Operating Temperature:	-40°C to 70°C
Storage Temperature:	-40°C to 85°C
Max Power Consumption:	<20w
Dimensions:	102mm x 100mm
Connector:	2G/5G MMCX