

MOKSHA Q22AP

PRODUCT DATASHEET



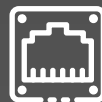
PRODUCT DESCRIPTION

Moksha Q24AP

is our latest dual band 802.11ax compliant access point which has an improved network efficiency & speeds upto 3 Gbps.

It is highly reliable and flexible required by the most demanding business applications like voice, high definition streaming etc. with PoE power source

PRODUCT FEATURES



2x
Ethernet Ports



AX3000
Supported



DualBand
11AX WiFi

PRODUCT MODEL

MOKSHA Q2 2 AP

FEATURES & SPECIFICATIONS



GENERAL/PHYSICAL FEATURES

DIMENSIONS

L=160mm W=160mm H=30mm

WEIGHT

0.76 kgs

MAX. POWER

30(PoE)

POWER SUPPLY VOLTAGE

-12 V dc $\pm$ 5%, 1A

OPERATING TEMPERATURE

-10 to 40 °Celsius

STORAGE TEMPERATURE

-40 to 80 °Celsius

RELATIVE HUMIDITY

0-90%, non-condensing

DEVICE PARAMETERS

SoC CHIPSET

Qualcomm Dragonwing N6

MIMO

2T 2R (2.4Ghz) | 2T 2R (5Ghz)

PORTS

1 * 1 0/100/1000 LAN Port

1 * 10/100/1000/2500 WAN Port

RAM

512MB DDR3

FLASH

128 MB

STANDARDS

- IEEE 802.11ax/ac/n/a 5 GHz
- IEEE 802.11ax/n/b/g 2.4 GHz

WIRELESS SPECIFICATIONS

- Operation Modes : AP, Mesh
- Frequency Range
2.4GHz: 2400 MHz ~ 2482 MHz
5GHz: 5150 MHz ~ 5250 MHz,
5250 MHz ~ 5350 MHz,
5470 MHz ~ 5725 MHz,
5725MHz ~ 5850MHz
- Transmit Power : 2.4 GHz: 26dBm
5 GHz: 26dBm
- Supported Data rates:
2.4 GHz: Max 600
5 GHz: Max 2400
- Channelization:
802.11ax supports very
high throughput (VHT)—VHT
20/40/80/160 MHz
- 802.11n supports high throughput
(HT)—HT 20/40 MHz
- 802.11n supports very high
throughput (VHT) under the
2.4 GHz radio—VHT (256-QAM)
- 802.11n/ac packet aggregation:
AMPDU, ASPDU

PRODUCT MODEL

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FEATURES & SPECIFICATIONS



MANAGEMENT

Multiple SSID

- 8 SSIDs each for both 2.4GHz and 5GHz radios

VLAN Tagging

- Supports 802.1q SSID-to-VLAN Tagging| Cross-band VLAN Pass Through
- Management VLAN

Spanning Tree

- Supports 802.1d Spanning Tree Protocol

QoS

- Product QoS compliant with IEEE 802.11e wireless standard
- WMM

SNMP

- v1, v2c, v3
- MIBI/II, Private MIB

DHCP

- Server, Client
- DHCP Client List
- Address Reservation

WIRELESS SECURITY

- Supports WPA2 AES-PSK, WPA2 Enterprise, and WPA3.
- Features MAC Address Filtering, allowing up to 32 MACs per SSID.
- Can hide the SSID in Beacons.
- Other Security: Includes HTTPS, SSH, Client isolation, IPS Sensor, and IP filtering. It also supports NA