

Quick Deploy mMESH™

Product Datasheet M-QD-500



Image above is for illustration purpose.



RF Specifications

Waveform	COFDM / SSB**
Frequency Range	
M-QD-500-045065	450 - 650MHz
M-QD-500-120150	1200 - 1500MHz
M-QD-500-200250	2000 - 2500MHz
M-QD-500-480500	4800 - 5000MHz
Carrier Bandwidth	
SSB	0.3MHz
COFDM	2.5 / 5 / 10 / 20MHz
Max Throughput	
SSB	100Kbps
COFDM	56Mbps, 100Mbps**
RF Output	0.5W
Carrier Modulation	QPSK / 16QAM / 64QAM / 256QAM / 1024QAM
FEC Rate	FEC 1/2, 3/4
Receive Sensitivity	-100dBm @ 5MHz
RF Interface	2x SMA (2x Tx, 2x Rx)



Streaming

Streaming Protocol UDP, RTSP



Networking

Ethernet 10 / 100Mbps



I / O

RS232, TTL, 2x Ethernet, USB



Security

Data Encryption DES / AES 128 ** / AES 256**



Physical

Dimensions (L x W x H) 133 x 97 x 36.6mm

Weight ~500g



Environment

Operating Temperature -20 to 50°C



Power

Power Input	7 - 14.5 VDC
Power Consumption (Max)	11W

** License Required

For more information on Licenses and Features, please contact your local salesperson.