

# mMESH™ PTT

## Product Datasheet M-PTT2



### RF Specifications

Waveform	COFDM
Frequency Range	
M-PTT2-1-052065	520 - 650MHz
M-PTT2-500-052150	520 - 650MHz 1200 - 1500MHz
M-PTT2-500-200250	2000 - 2500MHz
M-PTT2-500-480500	4800 - 5000MHz
Carrier Bandwidth	
Narrow Band	0.25 / 0.5 / 1MHz
Wide Band	1.25 / 2.5 / 5 / 10MHz
Max Throughput	
Narrow Band	940Kbps
Wide Band	28Mbps
RF Output	0.5 / 1W
Carrier Modulation	QPSK / 16QAM / 64QAM / 256QAM / 1024QAM
FEC Rate	FEC 1/3, 2/3
Receive Sensitivity	-100dBm @ 5MHz
RF Interface	2x SMA (1x Tx & Rx, 1x Rx)



### Power

Power Input	7.6Vdc (Battery)
Power Consumption (Max)	9.1W



### Streaming

Streaming Protocol	UDP, RTSP, RTP
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### Networking

Ethernet	10 / 100Mbps
WIFI	2.4 / 5.0GHz



### Audio

Audio Codec	Adaptive Multi-Rate (AMR)
Data Bitrate	4.8Kbps



### I / O

Ethernet, USB



### Security

Data Encryption	DES / AES 128 / AES 256
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### Physical

Dimensions (L x W x H)	150 x 67 x 40mm
Weight	~450g



### Environment

Operating Temperature	-20 to 50°C
IP Rating	IP54

\* T.B.C. / Under Development

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