



S-MESH™ 500MW PTT

PRODUCT DATASHEET

SPECIFICATIONS	
Waveform	COFDM
Frequency Range:	
M-PTT2-500-052150	520 - 650MHz & 1200 - 1500MHz
M-PTT2-500-200250	2000 - 2500MHz
M-PTT2-500-480500	4800 - 5000MHz
Carrier Bandwidth:	0.3 / 2.5 / 5 / 10 MHz
Max Throughput:	28Mbps
RF Output	0.5W
Carrier Modulation	QPSK / 16QAM / 64QAM / 256QAM
FEC Rate	FEC 1/3, 2/3
Receive Sensitivity	-100dBm @ 5MHz
RF Interface	2x SMA (1x TX & RX, 1x Rx)
Power Input	7.6Vdc (Battery)
Power Consumption:	9.1W
Dimensions (L x W x H)	150 x 67 x 40mm
Weight	~450g
Operating Temperature	-20 to 50°C
IP Rating	IP68 (Pending)
Streaming Protocol	UDP, RTSP, RTP
Ethernet	10 / 100Mbps
WIFI	2.4 / 5.0GHz
Audio Codec	Adaptive Multi-Rate (AMR)
Data Bitrate	4.8Kbps
I/O	RS232, RS485, TTL, SPI, GPIO, Ethernet, USB
Data Encryption	DES / AES 128 / AES 256



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