



# MMESH™ BODY WORN MK3

## PRODUCT DATASHEET

SPECIFICATIONS	
Waveform	COFDM
Frequency Range	1000 - 1500MHz
Carrier Bandwidth:	Narrow Band: 0.25 / 0.5 / 1MHz Wide Band: 1.25 / 2.5 / 5 / 10 / 20MHz
Max Throughput:	Narrow Band: 940Kbps Wide Band: 100Mbps
RF Output	1W / 30dBm
Carrier Modulation	QPSK / 16QAM / 64QAM / 256QAM / 1024QAM
FEC Rate	FEC 1/3, 2/3
Receive Sensitivity	-100dBm @ 5MHz
RF Interface	2x TNC (2x Tx & Rx), 2x SMA (WIFI, GPS)
Power Input	12VDC
Power Consumption:	Standard: 7W Max: 18W
Accessories - Cable assemblies	ACC-BWMK3-AUD-Z Audio Cable - 50cm open end ACC-B MK3-AUD-A Audio Cable - Terminated to MIL-C-551 16 AJ166 ACC-BWMK3-AUD-L Audio Cable - Terminated to End User specified Connector (ask for pricing)
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, Ethernet, USB
Data Encryption	DES / AES 128 **/ AES 256**
Dimensions (L x W x H)	185 x 75 x 38.5mm
Weight	~460g
Operating Temperature	-20 to 50°C
IP Rating	IP68



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