



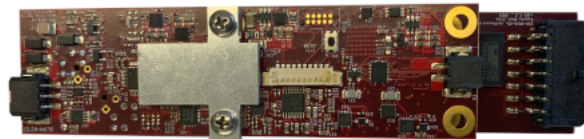
Popoto PMM3511

Product Overview:

The Popoto PMM3511 is the OEM version of Popoto Modem's advanced underwater acoustic modem in a form factor designed to fit within a 41 mm ID tube. With its multiple flexible interfaces, and on-board Python api. The PMM3511 can be the center of your underwater application.

Features:

- Multiple modulation schemes from 80 BPS to 10240 BPS
- Python API for on-board user programming
- MATLAB API for data analysis
- Acoustic ranging (Accurate to <0.3m)
- High-capacity data logging (SD Card)
- Baseband and passband waveform playback and recording



\$1,750 USD*

*Electronics only.





Data Transfer	
Data Rates	80 bps with Frequency Hopping FSK 10240, 5120, 2560, 1280, 640 bps with PSK
Storage	64 GB on included uSD
Range	1-4 km depending on conditions and modulation scheme selected.
Frequencies	22-35 KHz selectable
Transducer Type	20-30 KHz Omnidirectional
Power	
Operating Voltage Range	12-40V
Power Draw	Deep Sleep: <45 mW Sleep: 150 mW Active Receive: 1 W
Transmit Power	20 W
Battery	22.2V 2500mAh Li-Ion
Interface	
Data Connections	Ethernet, RS-422, RS-232
External Interface Connections	SPI Bus, I2C Bus, GPIO, Analog
APIs	Python, C++, MATLAB, Rust (Coming Soon)
Hardware	
Size	35mm x 30mm x 125mm
Weight	95g
Export Classifications	5A991 Controlled for anti-terrorism only

