

# BEACON MONITOR SPECIFICATIONS

## Model

FBM200A

FBM200B

SPECIFICATIONS		•	•
406 MHz Receiver Sensitivity	-125 dBm	•	•
Out of Band Rejection (<400 MHz, >413 MHz)	>145 dB	•	•
Harmonic Image Rejection	>95 dB	•	•
406 MHz Input Frequency	406.0 – 406.1 MHz	•	•
406 MHz RF Input VSWR	1.20:1	•	•
406 Input Impedance	50Ω	•	•
406 Input Connector	SMA-female RP	•	•
GPS Antenna Port bias	+3.3V @ 40 mA max	•	•
GPS Antenna Port connector	SMA-female	•	•
Receiver power requirements (from USB port)	+5V @ <500 mA	•	•
Operating Temperature Range	-40°C to +85°C	•	•
Storage Temperature Range	-55°C to +85°C	•	•
Dimensions:	108 x 63 x 26 mm 4.3 x 2.5 x 1.0 inches	•	•
Weight:	0.230 kg 0.5 lbs	•	•

FEATURES		•	•
Receive all Cospas-Sarsat Frequency channels		•	•
Decode all Cospas-Sarsat Protocols		•	•
Measure 406 MHz Frequency		•	•
Measure 406 MHz Receive Power		•	•
Adjustable Receiver Sensitivity		•	•
USB Interface		•	•
Ethernet Interface			•
GPS Receiver			•
GPS Antenna			•
GIS Mapping			•
Audio and LED Alarms		•	•
Alarm Output – relay contacts		•	•

INCLUDED		•	•
USB Cable – (3 m length)		•	•
AC to USB Adapter			•
Ethernet cable (3 m length)			•
Molded 406 MHz Monopole Antenna		•	•
Outdoor 406 MHz Antenna		O	O
GPS Active Antenna (5 m cable length)			•
Certificate of Calibration		O	O
Operator's Manual		•	•
User Interface Software		•	•
O = optional			