

WhereSafe MiniMax Specifications



LTE Specifications

Operating Bands	Cat M1: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/ B27/B28/B66/B85 Cat NB2: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/ B66/B71/B85
Data Transmission	eMTC (DL) 588 Kbps eMTC (UL) 1119 Kbps NB2 (DL) 127 Kbps NB2 (UL) 158.5 Kbps NB1 (DL) 32 Kbps NB1 (UL) 70 Kbps

EGPRS Specifications

Frequency	850 / 900 / 1800 / 1900 MHz
Data Transmission	GPRS: (DL)107Kbps, (UL)85.6Kbps EDGE: (DL)296Kbps, (UL)236.8Kbps

GNSS Specifications

GNSS Type	u-blox All-in-One GNSS receiver
Sensitivity	Autonomous: -147 dBm Hot start: -156 dBm Reacquisition: -160 dBm Tracking: -162 dBm
Position Accuracy (CEP)	Autonomous: < 2.5m
TTFF (Open Sky)	Cold start: 27s average Warm start: 27s average Hot start: 1s average

General Specifications

Dimensions	3.07"(L) × 1.57"(W) × 1.05"(H) 77.9 × 39.9 × 26.7mm
Weight	93g (3.28oz)
Backup Battery	Li-Polymer, 2600 mAh
Standby Time	Without Reporting: 480 Hours 5 Min Reporting: 260 Hours 10 Min Reporting: 300 Hours
Water Resistance	IPX5 Compliant
Charging Voltage	5V DC
External Battery Voltage	3.7V to 4.2V
Operating Temperature	-20°C ~ +60°C

Interfaces

Digital Inputs	1 positive trigger input for ignition detection 1 negative trigger input for normal use
Power Button	Power on and power off, can be disabled via air interface protocol
Function Button with Vibration Feedback	Force device to check-in
Cellular Antenna	Internal only
GNSS Antenna	Internal only
LED Indicators	CEL, GNSS, PWR
USB Type-C Interface	Used for external power and configuration

Interface Protocols

Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Report position and status based on preset time intervals, distance, mileage or a combination of these settings
Motion Detection	Motion based on internal 3-axis accelerometer

For all other support questions, please contact us at support@wheresafe.com or 1-888-386-3024.