

Atlas MX1e



Atlas MX1e is a rugged, IP68, unlocked, LTE / WiFi / Android™ smartphone integrated with the Atlas SOS lone worker app and optional Atlas PTT app. This combination provides its users with unrivaled features for lone working and communication. A **dedicated SOS button** on the top of the device is provided to activate alerts easily. This versatile device provides a smartphone, lone worker protection and optional PTT/PoC communications in a compact design and with its extra loud speaker it is also at home in noisy environments.

Man Down detection with pre-warnings through vibration and sound is also included. Detection is based on the angle of the device combined with motion, motion only or angle only. This flexibility helps prevent accidental activation and easy integration into a users common work practice.

For users working outdoors the integrated **GPS** provides accurate location in the event of an alert and for users working indoors a combination of **WiFi and Beacon positioning** is also included.

To provide the most reliable alarm and PTT activation facilities this combination of rugged smartphone and lone worker app uses Mobile Data, WiFi Data, SMS Messaging and Voice Calls to ensure it gets through.

PTT/PoC can be easily added to this device using the Atlas PTT app. With a dedicated PTT button, physical channel selection buttons and a loud and clear 2W speaker this rugged device provides an effective communications solution.

Overview

- **Dedicated physical SOS button & Man Down detection**
- **GPS Positioning & Indoor positioning using WiFi and/or Beacon**
- **Delivery of alerts using SMS/Voice Call and/or Data**
- **4600mAh Battery / USB Charging (Optional Desk charger)**
- **2G, 3G, 4G/LTE, WiFi 802.11 a/b/g**
- **Dedicated PTT button with optional Atlas PTT/PoC**
- **Dual SIM and SD Memory card**
- **M6 Industry standard interface for accessories**
- **IP 68 water resistance**
- **2.8" TFT Touch Screen Display & 2W Speaker**
- **8MP Autofocus rear camera**
- **Weight: 240g**
- **Android 7.0**

Rugged Smartphone



Lone Worker



PTT/PoC



SOS BUTTON



PTT/PoC



WiFi/BEACON



GPS/SATELLITE



MAN DOWN



EMERGENCY
CALL BACK



SIGNAL
MONITORING



STATUS
REPORTING

Main Specifications

Product Description	MX1e - 4G LTE - 8 GB - GSM - smartphone
Product Type	Smartphone 4G
Display	2.8" TFT, QVGA 320*240, Corning Generation 3
Features	Rear-facing camera
Processor	MediaTek MT6739 (quad-core) - 64-bit
Memory	8 GB - RAM 1 GB + microSDHC slot - up to 32 GB
Operating System	Android 7.0
Rear Camera	8 Megapixel - automatic
Front Camera	2 Megapixel
Form Factor	Rugged
SIM Card Slot Qty	Dual SIM
Wireless Interface	Wi-Fi
Messaging Services	SMS, Optional Critical Messaging
Protection	Shockproof, dustproof, waterproof IP68
Dimensions (HxWxD)	129 mm x 66 mm x 26 mm
Accessory Port	M6 industry standard accessory port
Positioning	Integrated GPS
Weight	240g

Communications

WCDMA :	B1/B2/B5/B8
LTE:	B1/2/3/4/5/8/7/17/20
Network:	GSM/GPRS/EDGE, TD-SCDMA, WCDMA, TDD-LTE, FDD-LTE
Wireless Interface	IEEE 802.11b/g/n

Processor

Type	MediaTek MT6739
Processor Core Qty	Quad-core 1.3GHz
64-bit Architecture	Yes

Battery

Technology	Lithium Ion
Capacity	4600 mAh

Connections

Connector Type	M6 Accessory Port Micro-USB
----------------	--------------------------------

Rear Camera

Sensor Resolution	8 Megapixel
Focus Adjustment	Automatic
Light Source	Flash
Video Resolutions	1280 x 720 (720p) at 30 fps

Environmental Parameters

Operating Temp.	-20°C min / +60°C max non condensing
Durability	IP68



Lone Working in Action

