

Atlas M31



Atlas M31 is a smart micro device that provides extensive features in an extremely compact and rugged form-factor. Weighing only 108g, similar in size to a credit card, is easy to carry and with support for 2G / 3G / 4G & WiFi this device provides the excellent coverage for its users, even in the harsh conditions.

A **dedicated SOS button** is accessible on the side of the device and **True Man Down detection** with pre-warnings through vibration, sound and flash light 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.

TPA (Time Personal Alert) check-in feature allows users to activate timers, which if expire, automatically generate an alert. Users can add notes and a GPS location to a TPA which will be provided automatically to responders if the TPA expires. User can easily set the expiry time or use the quick set buttons for 15, 30, 60 and 120 minutes. Timers can also be extended or restarted easily. Up to 4 local reminders are provided and up to 4 reminder SMS messages can also be delivered by the Aspect Link system.

For users working outdoors the integrated **GPS/GNSS** 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 a rugged smart device and lone worker app uses Mobile Data, WiFi Data, SMS Messaging and Voice Calls to ensure the alert gets through.

Alerts can be delivered directly to the Aspect Link alarm management system via GSM, 3G, 4G and/or WiFi giving users the best available coverage.

PTT/PoC can be easily added to this device using the Atlas PTT app. With a the physical PTT button and a loud and clear 0.5W speaker this rugged device provides an effective alerting and communications solution in an extremely compact design.

Overview

- **Dedicated SOS button & True Man Down detection**
- **GPS Positioning & Indoor positioning using WiFi and/or Beacon**
- **Delivery of alerts using SMS/Voice Call and/or Data**
- **1900mAh Battery / Magnetic Charging**
- **Desk charging cradle option**
- **2G, 3G, 4G/LTE & WiFi 802.11 a/b/g**
- **Global Mobile Network Band support**
- **Optional Atlas PTT/PoC (Two-way-radio over mobile network)**
- **Dual SIM**
- **Belt Holster**
- **IP 65 water resistance**
- **3.1" Touch Screen Display & 0.5W Speaker**
- **Weight: 108g : 96 x 45 x 18mm (w/o belt clip)**

Smart - Small - Rugged



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	Atlas M31
Product Type	Dedicated Lone worker device with optional PTT/PoC
Display	3.1" 845x 430pixels
Form Factor	Rugged - IP65
SIM Card Slot Qty	Dual SIM
Wireless Interface	Wi-Fi
Messaging Services	Atlas CM - Critical Messaging option Atlas PTT - Group communication option
Protection	Shockproof, dustproof, IP65
Dimensions (HxWxD)	98 mm x 52 mm x 16 mm
Positioning	Outdoor GPS & Indoor Beacon with Triangulation
Weight	108g without belt holster / 138g with belt holster
Charging	Magnetic Charging or Type-C USB Desk Charging Cradle option

Lone Working in Action



Communications

WCDMA :	B 900/2100Mhz
LTE:	B 1/3/8/38/39/40/41
Network:	GSM/GPRS/EDGE, TD-SCDMA, WCDMA, TDD-LTE, FDD-LTE

Wireless Interface	IEEE 802.11b/g/n 2.4GHz/5GHz NFC
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Battery

Technology	Lithium polymer
Capacity	1900 mAh

Connections

Data Connector Type	Protected Type-C USB Magnetic Charging Port
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Status Reporting



Lone Working On/Off (Time stamped)
 Home Working On/Off (Time stamped)
 Man Down On/Off (Time stamped)
 Charging status
 Battery level
 Mobile/Cell signal level
 WiFi signal level
 System version
 Outdoor Location with enhanced control for user acceptance
 Indoor Location with enhanced control for user acceptance

Aspect Link



Man Down Detected

Normal Operation

Environmental Parameters

Operating Temp.	-20°C min / +60°C max non condensing
Durability	IP65

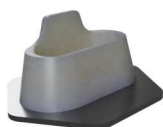
Options



Atlas PTT



Holster



Desk Charger



Atlas CM

