

Atlas Atom is a smart micro device that provides unrivalled functionality in an extremely compact and rugged form-factor. Weighing only 108g and similar in height to a credit card, the Atlas Atom is easy to carry and is there when needed. With IP68 ingress protection, unlocked and supporting 2G / 3G / 4G & WiFi this device **provides the best coverage** for its users, even in the harshest conditions.

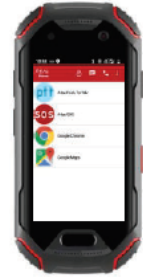
A **dedicated SOS button** is accessible on the side of the device **Man Down detection** with pre-warnings through vibration, sound and flash light is also included. Detection is based on the angle of the device combined with motion, motion only or angle only. This flexibility helps prevent accidental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

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 a rugged smart device and lone worker app uses Mobile Data, WiFi Data, SMS Messaging and Voice Calls to ensure the alert gets through.

PTT/PoC can be easily added to this device using the Atlas PTT app. With a the on-screen 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.

Rugged Design



Lone Worker



PTT/PoC



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
- 2000mAh Battery / Type-C USB Charging
- 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 Nano SIM with Dual Standby
- Optional Belt Clip
- IP 68 water resistance
- 2.45" Touch Screen Display & 0.5W Speaker
- 16MP Auto focus rear camera
- Weight: 108g : 96 x 45 x 18mm (w/o belt clip)



SOS BUTTON



PTT/PoC



WiFi/BEACON



GPS/SATELLITE



MAN DOWN



EMERGENCY CALL BACK



SIGNAL MONITORING



STATUS REPORTING

Main Specifications

| | |
|---------------------|--|
| Product Description | Atlas Atom |
| Product Type | Dedicated Lone worker device with optional PTT/PoC |
| Display | 2.45" 240 x 432 pixels |
| Processor | 2Ghz Octa Core |
| Memory | 64 GB - RAM 4 GB |
| Operating System | Android 8.1 |
| Rear Camera | 16 Mega-pixel - automatic |
| Form Factor | Rugged - IP68 |
| SIM Card Slot Qty | Dual Nano SIM |
| Wireless Interface | Wi-Fi |
| Messaging Services | SMS, Optional Critical Messaging |
| Protection | Shockproof, dustproof, waterproof IP68 |
| Dimensions (HxWxD) | 96 mm x 45 mm x 18 mm |
| Positioning | Integrated GPS |
| Weight | 108g |
| Charging | Type-C USB |

Communications

| | |
|----------|--|
| WCDMA : | B 1/2/4/5/8 |
| LTE: | B 1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B |
| Network: | GSM/GPRS/EDGE, TD-SCDMA, WCDMA, TDD-LTE, FDD-LTE |

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

Processor

| | |
|---------------------|----------------|
| Processor Core Qty | Octa-core 2GHz |
| 64-bit Architecture | Yes |

Battery

| | |
|------------|-------------|
| Technology | Lithium Ion |
| Capacity | 2000 mAh |

Connections

| | |
|---------------------|------------|
| Data Connector Type | Type-C USB |
| Headphone | 3.5mm Jack |

Rear Camera

| | |
|-------------------|--------------|
| Sensor Resolution | 16 Megapixel |
| Focus Adjustment | Automatic |
| Light Source | Flash |

Environmental Parameters

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



Lone Working in Action



Full Integration with

Aspect
Link

Atlas
PTT