

The Atlas Ex710 is a rugged, IP68, 2G/3G/LTE-4G/WiFi Android 11 smartphones with a 6.3" screen and a **dedicated SOS/PTT button**. The Atlas Ex710 is also an EX device for use in ATEX classified areas.

This versatile device provides a **smartphone and lone worker protection** with a large, clear 6.3" screen and a physical SOS/PTT button. With its extra loud 2 watt speaker it is also at home in noisy environments.

**True 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 allows for 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 **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 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 by using the Atlas PTT app. With a physical or on-screen PTT button and a loud and clear 2W speaker this device provides an effective communications solution.

## Rugged Smartphone



## Lone Worker



## PTT/PoC



SOS BUTTON



TRUE MAN DOWN



TPA CHECK-IN



MOTION DETECTION



EMERGENCY CALL BACK



WiFi/BEACON



GPS/SATELLITE



SIGNAL MONITORING



STATUS REPORTING



OPTIONAL PTT/POC

## Specifications

Product Description	Ex710- 4GB RAM - 64GB ROM - smartphone
Display	6.3" FHD 2340*1080 / 500nits
Features	Front & Rear-facing cameras
Processor	MediaTek MT6765 (Octa-core) - 64-bit
Memory	64GB ROM - RAM 4GB + microSDHC slot - up to 32 GB
Operating System	Android 11.0
Rear Camera	24 Megapixel
Form Factor	Rugged
SIM Card Slot Qty	Dual SIM
Wireless Interface	Wi-Fi
Messaging Services	SMS, Optional Critical Messaging & Atlas Hello
Protection	Shockproof, dustproof, waterproof IP68
Dimensions (HxWxD)	175 mm x 82 mm x 16 mm
Positioning	Integrated GPS, GLONASS
Weight	320g
Charging	USB Type-C or Desk Charger

## Lone Working in Action



## Communications

2G/GSM:	B5/850, B8/900, B3/1800, B2/1900
3G:	B1/2100, B2/1900, B5/850, B8/900
LTE:	B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/ B19/B20/B25/B26/28A/28B
Network:	GSM/GPRS/EDGE, CDMA, WCDMA, TDD-LTE, FDD-LTE
Wireless Interface	Wi-Fi 2.4/5GHz A/B/G/N/AC

## Processor

Type	MediaTek Mt6765 - 2.35G+1.7G
Processor Core Qty	Octa-core
64-bit Architecture	Yes

## ATEX Version

Standards	EN 60079-0:2012+A11:2013, EN 60079-11:2012, EN 60079-31:2014
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Rating	II 2 G Ex ib IIC T4 Gb Ip68 III 2 D Ex tb IIIC T120 Db Ip68
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## Rear Camera

Sensor Resolution	24 Megapixel
Focus Adjustment	Automatic
Light Source	Flash

## Environmental Parameters

Operating Temp.	-10°C min / +50°C max non condensing
Durability	IP68 / MIL-STD-810G



Desk Charger



Man Down Detected



Normal Operation



Man Down Detected

