

Introducing the

# IS520.1

*for Emergency Response, Security & Military*





## Ultra-Rugged Mobility

Organizations and Businesses are faced with the challenge of engaging an ever mobile workforce in an increasingly mobile world. Today's globalized and challenging environments require greater creativity in order to find solutions which can lower costs, increase productivity and improve both site and worker safety. Mobility has become an important tool in surmounting all of these challenges and Airacom plays a vital role in enabling the flow of communications across some of the world's most hostile and challenging locations.

Defense, soldiers, special units, blue-light emergency responders and security teams are all responsible for our safety, and face new challenges when preparing for any possible threat to the security and safety of the people they serve.

With today's increasing need for specialized communications and data devices, Airacom has invested significant resources towards its research and development with a range of intrinsically safe, ultra-rugged and globally approved smart-phones and tablets.

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# ABOUT AIRACOM

Privately owned, Airacom was founded in 2007 by visionary people with a passion to provide innovative communications and data solutions to companies operating in the most harsh and hazardous conditions. Our organization has evolved to become a leading hardware and software services company employing more than 150 people worldwide across four continents with office locations in the UK, Germany, Abu-Dhabi, Qatar, Oman and Nigeria, in addition to our extensive global network of distributors, systems integrators and sales partners.

The first company to launch an intrinsically safe CSA, ATEX and IECEx certified zone 1/21, Class 1, Division 1 Android smart-phone, Airacom is leading the way in mobility.

We understand the challenges our customers face and through experience in supporting more than 600 customers worldwide, spanning four continents in over 70 countries, Airacom is best placed to provide your organization with ultra-rugged, mission critical and intrinsically safe mobility devices.

*"Working with **Airacom** was an absolute pleasure. They understood the challenges we face as an **industry** and were willing to work with us to explore the best **technology** options."*

— **E.ON**



**1.6**

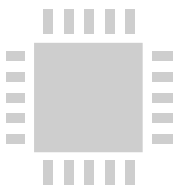
**In-excess of 1.6 million minutes billed on a monthly basis**



IS520.1 runs Android 5.1, certified for European ATEX, Global IECEx for zones 1/21 & US/Canadian approval for NEC500 Class I, II Division 1 Group/s ABCDEFG T4 Intrinsically Safe



IS520.1 NFC Compatible Tags: ISO 14443 A, -B, MIFARE, FeliCa®, NFC Forum Compatible Tags NTAG203, NTAG213, NTAG215, NTAG216 ISO 15693 (I-Code SLIX, SLISL2, Infineon my D)



EMM and MDM managing and securing enterprise settings such as Wi-Fi and VPN, providing secure access to corporate email and managing enterprise documents and applications.



IS520.1 has LWP (Lone Worker Protection) optional via Airacom AirGuard. Designed for the safety of people working alone, in remote locations and hazardous areas. SOS button is designed to send both SMS & Voice alerts to up to

## TECHNICAL DATA

### CORE PLATFORM / FUNCTIONS

Operating System	<b>Android 5.1</b>
Chipset	MSM8953 (Octa-Core 64 Bit ARM) 2 GHz,
Display	4,5" (11.43 cm) HD RugDisplay-Glass multi capacitive touchscreen with a resolution of 1280 x 720 pixel - usable with gloves
Buttons	Dedicated <b>SOS</b> and <b>PTT</b> (Push-To-Talk), Power, Menu / Home / Back and Volume
Applications	<b>SOS, Lone Worker Protection</b> (LWP), <b>Push to Talk</b> (Server based), Google Play Apps
Network	GSM 850/ 900/1800/1900 MHz WCDMA 850/900/1900/2100 MHz
Wi-F i	802.11b/g/n
Memory	2GB RAM / 16GB ROM

### CONNECTIVITY

Blue-tooth, SMS, MMS (text, image, audio, video)	BT 4.1 LE®
GPS, NFC	AGPS, NFC (Near Field Communication)
Communication	SMS, MMS, E-Mail (POP3, IMAP, Microsoft™ Exchange)
Languages supported	Arabic, Simplified Chinese, Croation, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Persian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Turkish

### PHYSICAL CHARACTERISTICS

Ambient temperature	Operational range from -20 °C to 60 °C
Protection Class	Dust and Waterproof (IP68)
Sensors	Acceleration, Humidity, Temperature, Air pressure, Electronic Compass
Camera	8MP autofocus back camera with LED-flash, 2MP front camera <b>(No cameras on the IS520.1 available)</b>
Battery	3200 mAh Lithium ion battery
Standby	Standby time up to 100 hours, Talk time up to 10 hours
Size	153 x 82 x 14 mm
Weight	245g

# LEADING THE WAY IN MOBILITY



Based in London, UK with offices in Abu-Dhabi, Qatar, Oman and Nigeria, Airacom is a private limited company leading the way in hazardous area mobility and data devices to the global oil and gas, chemical, military and aviation sectors.

For more information visit [www.airacom.com](http://www.airacom.com)

## INTRINSICALLY SAFE CHARACTERISTICS

	CSA (North America)	<b>CSA</b> Class I, II, III, Group A, B, C, D, E, F, G T4
	European ATEX	<b>ATEX</b> Zone 1/21 II 2G, <b>GAS</b> Ex ib IIC T4 Gb II 2D, <b>DUST</b> Ex ib IIIC T135°C Db IP6X
	Global IECEx	<b>IECEx</b> Zone 1/21, <b>GAS</b> Ex ib IIC T4 Gb, <b>DUST</b> Ex ib IIIC T135°C Db IP6X





Introducing the new

# INNOVATION 2.x

Innovation 2.x is a rugged intrinsically safe industrial smart-phone designed for field-workers operating in the most harsh and hazardous conditions with high performance life saving features!



**SOS**

### Lone Worker Protection (LWP)

Vital operations demand Increased levels of protection for remote worker safety.

