i.safe MOBILE

ZONE 1/21

IS520.1

The IS520.1 is an industrial smartphone with current technology. It combines modern design, updated technology and robustness of an industrial product.

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TECHNICAL FEATURES

ATEX approval: EX-zone 1/21 ⓔ II 2G Ex ib IIC T4 Gb ⓔ II 2D Ex ib IIIC T135°C Db IP6X	**IECEx approval:** EX-zone 1/21 Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP6X	**approved for North America**
approved for Russia	Android™ 7.1	GSM: 850/900/1800/1900MHz WCDMA: 900/1800/2100 or 850/1900/2100MHz LTE-FDD: B1/B3/B7/B20/B28 LTE-TDD: B38/B39/B40/B41 TD: B34/B39
5GHz: IEEE 802.11 b/g/n/r/AC with hotspot	Bluetooth® 4.1 LE	
size: 155 x 80 x 25 mm, weight: 325 g	external memory microSD up to 32 GB	Qualcomm Snapdragon 625 (MSM8953) 3 GB RAM 32 GB internal memory 22 GB accessible
2 cameras: 8 MP rear camera and 5 MP front camera	Dual micro SIM	
Near Field Communication	SOS-key	magnetic charging port

FURTHER FEATURES

IP68 waterproof: 1 hour up to 2 m, impervious to dust and microparticles	operation range from -20 °C to 60 °C	**MIL-STD 810G** drop-protection, tested against: extreme temperatures, barometric pressure, humidity and vibrations.
4,5" RugDisplay-Glas multi capacitive touchscreen with a resolution of 854 x 480 pixel	usable with gloves	amplified loudspeaker
3600 mAh battery	GPS, AGPS, Glonass, BeiDou	Location, gyroscope, gravity, ambient light, magnetic- and proximity
PTT Push-To-Talk PTT ready (third party application provided)	**LWP** Loneworker protection LWP ready (third party application provided)	quick charge

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Smartphone, battery, i.safe PROTECTOR 2.0 USB cable, i.safe PROTECTOR 3.0 USB cable, charger, quick start manual and safety instructions