

i.safe IS520.1 smartphone

Work efficiently in hazardous areas

Wouldn't it be great to have all your smartphone features available also in Ex areas? That's exactly what the top modern i.safe IS520.1 offers you!

The IS520.1 is an industrial smartphone with current technology. It combines modern design, updated technology and robustness of an industrial product. Delivered including battery, USB cable i.safe PROTECTOR, EU charger, quick start manual and safety instructions.

Approved for use in hazardous areas (Zone 1/21, Division 1), the intrinsically safe IS520.1 helps simplify and streamline the way workers in hazardous industries operate and interact with each other, their remote experts and their back-end systems.

Fast 4G/WiFi/Bluetooth data transmission enables more effective ways of working, better and faster decision-making and more collaboration between workers.

With advanced features such as an extremely good loud speaker, a powerful battery, water and dust resistance and a sturdy touch screen that can be viewed in direct sunlight and easily used with dirty or wet work gloves, the IS520.1 is designed to be used under the roughest of working conditions.

Features

- Android™ 7.1
- 4G (LTE)
- Bluetooth® 4.1 LE
- Near Field Communication
- 4,5" display (11.43 cm)

- Capacitive touchscreen
- 2 cameras: 8 MP rear camera with autofocus and 2 MP front camera
- MicroSD-card slot up to 32 GB
- Quick charge
- Optional: Lone Worker Protection & Push to Talk (application of another provider needed)
- Possibility for approvals in North America and Russia (requested)
- IP68 certified (waterproof 1 hour up to 2 m, impervious to dust and microparticles)
- Drop-protection, tested against extreme temperatures, barometric pressure, humidity and vibrations
- Amplified loudspeaker



Technical data

Type	IS520.1
Operating system	Android™ 7.1
LWP ready	Optional (application of another provider needed)
Size	155 x 80 x 25 mm
Weight	325 g
PTT ready	Optional (application of another provider needed)
Network	4G: LTE-FDD Band 1/3/7/20/28
Wi-Fi*	WiFi IEEE 802.11 ac/b/g/n; 13 channels (all)
Bluetooth*	4.1 LE
NFC	Near Field Communication
Display	4,5" (11.43 cm) HD RugDisplay-Glass multi capacitive touchscreen with a resolution of 854 x 480 pixel
Memory	3 GB RAM, 32 GB ROM
Micro-SD	Up to 32 GB
Camera	8 MP rear camera with autofocus and 2 MP front camera
Location	GPS, AGPS Support, GLONASS
Battery	3600 mAh battery
Operation range	From -20°C to 60°C

Usable with gloves

Approvals

- ATEX zone 1/21
II 2G Ex ib IIC T4 Gb
II 2D Ex ib IIIC T135°C Db IP64



- IECEx zone 1/21
Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db IP64



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