

# i.safe IS530.1 smartphone

Work efficiently in hazardous areas

Wouldn't it be great to have all the features of your smartphone available in Ex areas? That's exactly what the smart and innovative i.safe IS530.1 offers you!

The IS530.1 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 IS530.1 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 loudspeaker, a powerful battery, water and dust resistance and a sturdy touch screen that can be viewed in direct sunlight and used with dirty or wet work gloves, the IS530.1 is designed to be used under the roughest of working conditions.

### Features

- Android™ 9.0
- 4G LTE
- Bluetooth® 5.0
- Near Field Communication
- 4,5" display (11.43 cm) Gorilla Glass® 3. Generation

- 2 cameras: 13 MP AF rear camera and 5 MP front camera
- MicroSD: Up to 128 GB
- IP68 certified (waterproof 1 hour up to 2 m, impervious to dust and microparticles)
- Drop-protection, tested against: vibrations, shock and extreme temperatures
- Amplified loudspeaker



### Technical data

Type	IS530.1
Operating system	Android™ 9.0
LWP ready	Optional (third application approved)
Size	155 x 80 x 25 mm
Weight	325 g
PTT ready	Push-To-Talk PTT ready (third party application provided)
Network	4G: LTE-FDD: B1/2/3/4/5/7/8/12 with MFBI B13/14/17/20/25/26/28A/28B/29/30/66
Wi-Fi*	WiFi IEEE 802.11 a/ b/g/n/ac/e/k/r/h with max. 8 connections hotspot
Bluetooth*	4.1 LE
NFC	Near Field Communication
Display	4,5" (11.43 cm)
Memory	4 GB RAM 64 GB internal memory 54 GB accessible
Micro-SD	Up to 128 GB
Camera	13 MP AF rear camera and 5 MP front camera
Location	GPS, A-GPS, Glonass, A-Glonass, Beidou, Galileo
Battery	3600 mAh battery, replaceable
Operation range	From -20°C to 60°C
Usable with gloves	
Quick charge	With magnetic charging port

### Approvals

- ATEX EX-Zone 1/21 - II 2G Ex ib IIC T4 Gb II2D Ex ib IIID T135°C Db IP6X
- IECEx approval: EX-Zone 1/21 Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP6X



- Approval in North America applied for: Class I, II, III Division 1 Groups A B C D E F G, T4 Intrinsically Safe



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# i.safe IS540.1 smartphone

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Wouldn't it be great to have all the features of your smartphone available in Ex areas? That's exactly what the smart and innovative i.safe IS540.1 offers you!

The IS540.1 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 IS540.1 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 loudspeaker, a powerful battery, water and dust resistance and a sturdy touch screen that can be viewed in direct sunlight and used with dirty or wet work gloves, the IS540.1 is designed to be used under the roughest of working conditions.

### Features

- Android™ 12
- 5G
- Bluetooth® 5.0
- Near Field Communication
- Display: 6" display (15.24 cm) Gorilla Glass® 3. generation

- 2 cameras: 48 MP AF rear camera and 5 MP FF front camera
- MicroSD: Up to 128 GB
- IP68 certified (waterproof 1 hour up to 2 m, impervious to dust and microparticles)
- Drop-protection, tested against: vibrations, shock and extreme temperatures
- Amplified loudspeaker
- Accelerometer, gyroscope, light, magnetic, proximity, pressure sensors



### Technical data

Type	IS540.1
Operating system	Android™ 12
LWP ready	Optional (third application approved)
Size	180,0 x 84,9 x 20,6 mm
Weight	422 g
PTT ready	Push-To-Talk PTT ready (third party application provided)
Network	5G
Wi-Fi*	Wi-Fi 6: IEEE 802.11 a/b/g/n/ac/ax/e/k/r/v
Bluetooth*	5.2
NFC	Near Field Communication
Display	6" (15.24 cm)
Memory	8 GB RAM 128 GB internal memory
Micro-SD	Up to 128 GB
Camera	48 MP AF rear camera and 5 MP FF front camera
Location	GPS, A-GPS, Glonass, A-Glonass, Beidou, Galileo
Battery	4400 mAh battery, replaceable
Operation range	From -20°C to 55°C

Usable with gloves

### Approvals

- ATEX approval: EX-Zone 1/21 requested (Ex) II 2G Ex ib IIC T4 Gb (Ex) II 2D Ex ib IIIC T135°C Db IECEX approval: EX-Zone 1/21 Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP6X
- UKCA approval: EX-Zone 1/21 requested (Ex) II 2G Ex ib IIC T4 Gb (Ex) II 2D Ex ib IIIC T135°C Db
- Approval in North America applied for: Class I, II, III Division 1 Groups A B C D E F G, T4 Intrinsically Safe
- NEC500 approval requested: Class I, II, III Division 1 Groups A B C D E F G T4



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