

Kreski

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**ZONE 1/21
CL I, II, III DIV 1**

5G



IS540.1

- High-End Chipset
- 48 MP camera
- 6" display

The 5G smartphone supports a wide range of frequency bands and offers the highest image quality through the 48 MP main camera. The high-quality processor ensures fast data processing for the most demanding industrial applications such as predictive maintenance. The 16-pin ISM interface provides a secure connection for audio accessories, barcode scanners or other add-ons.

i.safe MOBILE

DATASHEET

IS540.1

APPROVALS

ATEX approval: EX-Zone 1/21 requested
⊕ II 2G Ex ib IIC T4 Gb
⊕ II 2D Ex ib IIIC T135°C DbIECEx approval: EX-Zone 1/21 requested
Ex ib IIC T4 Gb
Ex ib IIIC T135°C DbUKCA approval: EX-Zone 1/21 requested
⊕ II 2G Ex ib IIC T4 Gb
⊕ II 2D Ex ib IIIC T135°C DbNEC500 approval requested:
Class I, II, III Division 1
Groups A B C D E F G T4

TECHNICAL FEATURES

Operating system	Android™ 12
Processor	Qualcomm QCM6490
Memory	8 GB RAM 128 GB internal memory microSD memory up to 128 GB
Frequencies	2G GSM: 850/900/1800/1900 MHz 3G WCDMA: B1/2/4/5/8 4G LTE-FDD: B1/2/3/4/5/7/8/12 with MFB1 B13/14/17/20/25/26/28/29/30/66 4G LTE-TDD: B38/39/40/41/42/43/48 5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n30/n38/n40/n41/n48/n66/n71/n77/n78/n79
Dimensions	size: 180,0 x 84,9 x 20,6 mm weight: 422 g
Display	6" Gorilla Glass® 3 rd generation 1080 x 2160 pixels FHD
Battery	4400 mAh replaceable
Camera	48 MP AF rear camera 5 MP FF front camera
Connections	Wi-Fi 6: IEEE 802.11 a/b/g/n/ac/ax/e/k/r/v Bluetooth® 5.2 GPS, A-GPS, Glonass, A-Glonass, Beidou, Galileo Near Field Communication (NFC)
Types of protection	IP68 dust-/waterproof MIL-STD-810H usable from -20 °C to +55 °C

FURTHER FEATURES



Red key (function key assignable for different 3rd party application; e.g. loneworker protection)



16-pin ISM interface



Side key (function key assignable for different 3rd party application; e.g. Push To Talk)



Amplified loudspeaker



1 nano SIM + eSIM



Accelerometer, gyroscope, light, magnetic, proximity, pressure sensors

SET CONTENT

Smartphone, Battery, i.safe PROTECTOR 2.0 Type C USB Cable, Power Adapter universal, Screwdriver, Display Protection Foil, Display Cleaning Cloth, Quick Start Manual and Safety Instructions