

ISAFE MOBILE SMARTPHONE ZONE 1/21 IS540.1



\$5,049.00 GST included

SKU: 01-00540001-001-001 | **Categories:** [Intrinsically Safe](#), [Smartphone](#) |



GALLERY IMAGES



PRODUCT DESCRIPTION

The 5G smartphone with a clear 6-inch full HD display is equipped with a high-end chipset, 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 approved accessories.

Advantages

- Amplified loudspeaker for noisy work environments
 - Replaceable 4400 mAh battery
 - Programmable side key (e.g. for PoC/PTT)
- Programmable red key (e.g. for lone worker protection/SOS)

Technical Features

Operating system	Android™ 14
Processor	Qualcomm® QCM6490 Octa Core
Memory	8 GB RAM 128 GB internal memory microSD to 128 GB
Frequencies	2G GSM 850/900/1800/1900 MHz 3G WCDMA B1/2/4/5/8 4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12 MFBI/B13/B14/B17/B20/B25/B26/B28/B29/B30/B66/B71 4G LTE-TDD: B38/B39/B40/B41/B42/B43/B48 5G NR: n1/n2/n3/n5/n7/n8/n12/n14/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: 422,0 g
Display	6,0" (15,24 cm) Corning® Gorilla® Glass V3 usable with gloves
Battery	4400 mAh, 3,7 V replaceable
Camera	48 MP AF rear 5 MP FF front
Connectivity	Wi-Fi® 6: IEEE 802.11 a/b/g/n/ac/e/k/r/ax/v with hotspot Bluetooth® 5.2 GPS, A-GPS, Glonass, Beidou, Galileo Near Field Communication
Types of protection	IP68 dust-/waterproof MIL-STD 810H Usable from -20 °C to +55 °C
	Expand

Certifications



ATEX (Europe) approved

II 2G Ex ib IIC T4 Gb

II 2D Ex ib IIIC T135°C Db



IECEx (International) approved

Ex ib IIC T4 Gb

Ex ib IIIC T135°C Db

What's in the box

- Smartphone
 - Battery
- i.safe PROTECTOR 2.0
- Power Adapter universal
 - Screwdriver
- Display Protection Foil
 - Safety Instructions
 - Quick Start Manual

Downloads

[Datasheet IS540.1](#)

[Datasheet IS-HS2A.1](#)

[Operating Manual IS540.1](#)

[Safety Instructions IS540.1](#)

[IECEX IS540.1](#)

[Battery SDS 540 Series](#)

This product is suitable for operation with PoC communication via public or campus networks (4G or 5G) or Wi-Fi® in Ex-Zones as per IEC Ex Rating on the devices

5G smartphone IS540.1 for IECEx zone 1/21 and IS540.M1 IECEx zone Coal Mining Zone 0

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Smartphone**



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