

**ISAFE MOBILE SMARTPHONE MINING IS540.M1**



**\$5,555.00 GST included**

**SKU:** N/A | **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

<b>Operating system</b>	Android™ 14
<b>Processor</b>	Qualcomm® QCM6490 Octa Core
<b>Memory</b>	8 GB RAM 128 GB internal memory microSD to 128 GB
<b>Frequencies</b>	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/n20/n25/n28/n30/n38/n40/n41/n48/n66/n71/n77/n78/n79
<b>Dimensions</b>	Size: 180,0 x 84,9 x 20,6 mm Weight: 422,0 g
<b>Display</b>	6,0" (15,24 cm) Corning® Gorilla® Glass V3 usable with gloves
<b>Battery</b>	4400 mAh, 3,7 V replaceable
<b>Camera</b>	48 MP AF rear 5 MP FF front
<b>Connectivity</b>	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
<b>Types of protection</b>	IP68 dust-/waterproof MIL-STD 810H Usable from -20 °C to +55 °C
	Expand
	<b>Certifications</b>



ATEX Mining (Europe) approved

I M1 Ex ia I Ma

Ex ib IIC T4 Gb

Ex ib IIIC T135°C Db



IECEx Mining (International) approved

Ex ia I Ma

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.M1](#)

[Datasheet IS-HS2A.1](#)

[Operating Manual IS540.M1](#)

[Safety Instructions IS540.M1](#)

[Operating Manual/Safety Instructions IS-DC540.1](#)

[IECEX IS540.M1](#)

[ANZEx IS540.M1](#)



**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**

**YOU MAY ALSO LIKE...**



**BARTEC SP9EX1  
Smartphone**



**Pixavi Cam -  
Intrinsically Safe  
Camera - Silver  
Bundle**