

**ISAFE MOBILE - 5G RADIO ZONE 1/21 - IS440.1**



**\$2,398.00 GST included**

**SKU:** 01-00440001-001-001 | **Categories:** [Intrinsically Safe](#), [Radios](#) |



## PRODUCT DESCRIPTION

The 5G radio ensures secure and failure-free PoC communication via public or campus networks (4G or 5G) or Wi-Fi® in Ex-Zone 1/21. A gateway makes the IS440.1 interoperable with previous radio technologies and enables a seamless integration into existing systems. The 5G radio offers a user-orientated look & feel, a replaceable battery, large buttons for PTT, SOS, talkgroup selection, a powerful front speaker, an ISM interface and a functional fixing clip.

You can download selected apps that are compatible with the device directly from the pre-installed App World and update them regularly. The [App World](#) contains product-related, selected push-to-talk and MDM solutions.

### Advantages

- Channel selector e.g. for PTT applications
- Programmable red key (e.g. for lone worker protection/SOS)
  - Programmable side key (e.g. for PoC/PTT)
- Additional programmable buttons, M1 & M2, assignable via Button App
  - 8-pin ISM interface for optional audio accessories
- Powerful 4800 mAh battery for extreme runtime as an optional accessory
  - Amplified loudspeaker for noisy work environments
  - Integrated belt clip for safe carrying.

### Technical Features

<b>Operating system</b>	ISM-OS
<b>Processor</b>	Qualcomm® QCM6490 Octa Core
<b>Memory</b>	4 GB RAM 64 GB internal memory
<b>Frequencies</b>	4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12 MFBI/B13/B14/B17/B20/B25/B26/B28/B29/B30/B66/B71/B68 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
<b>Dimensions</b>	Size: 136,6 x 70 x 32 mm Weight: 307 g

<b>Display</b>	2,4" (6,096 cm) Corning® Gorilla® Glass V3
<b>Battery</b>	2400 mAh replaceable
<b>Camera</b>	8 MP AF 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, NavIC, QZSS, SBAS Near Field Communication
<b>Types of protection</b>	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

- 5G Radio
- Battery
- i.safe PROTECTOR 2.0
- Power Adapter universal

- Safety Instructions
  - Screwdriver
- Display Protection Foil

**Downloads**

**[Data Sheet PDF](#)**

**[Operating Manual PDF](#)**

**[Approval PDF](#)**



**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](#)**