## **ISAFE MOBILE 5G RADIO MINING IS440.M1**



# **\$2,882.00** GST included

SKU: 01-00440011-001-001 | Categories: Intrinsically Safe, Radios |



**GALLERY IMAGES** 









### 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.M1 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. For the secure integration of different radio technologies and seamless team communication in mining.

You can download selected apps that are compatible with the device directly from the pre-installed <a href="App World">App World</a> and update them regularly. The App World contains product-related, selected push-to-talk and MDM solutions.

#### **Advantages**

- 8-pin ISM interface for optional audio accessories
  - Integrated belt clip for safe carrying
  - Channel selector e.g. for PTT applications

- Programmable side key (e.g. for PoC/PTT)
- Programmable red key (e.g. for lone worker protection/SOS)
- Powerful 4800 mAh battery for extreme runtime as an optional accessory
  - Amplified loudspeaker for noisy work environments
  - Additional programmable buttons, M1 & M2, assignable via Button Ap

#### **Technical Features**

Operating ISM-OS system

Processor Qualcomm® QCM6490 Octa Core

Memory 4 GB RAM

64 GB internal memory

4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12

MFBI/B13/B14/B17/B20/B25/B26/B28/B29/B30/B66/B71/B68

**Frequencies** 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: 136,6 x 70 x 32 mm
Weight: 307 g

Weight: 507 g

**Display** 2,4" (6,096 cm) Corning® Gorilla® Glass V3

Battery 2400 mAh replaceable

Camera 8 MP AF front

Wi-Fi® 6: IEEE 802.11 a/b/g/n/ac/e/k/r/ax/v with hotspot

Bluetooth® 5.2

Connectivity

GPS, A-GPS, Glonass, Beidou, Galileo, NavIC, QZSS, SBAS

**Near Field Communication** 

Types of MIL-STD 810H Protection

Usable from -20 °C to +55 °C

Expand

### Certifications



ATEX (Europe) approved
I M1 Ex ia I Ma
Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db



IECEx (International) approved
Ex ia I Ma
Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db

### What's in the box

- 5G Radio
- Battery
- Display Protection Foil
- i.safe PROTECTOR 2.0
- Power Adapter universal
  - Screwdriver
  - Safety Instructionsl

#### **Downloads**

Datasheet IS540.M1

Operating Manual IS440.M1

Safety Instructions IS440.M1

## IECEx IS440.M1

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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...







Pixavi Cam -Intrinsically Safe Camera - Silver Bundle