ISAFE MOBILE 5G RADIO MINING IS440.M1
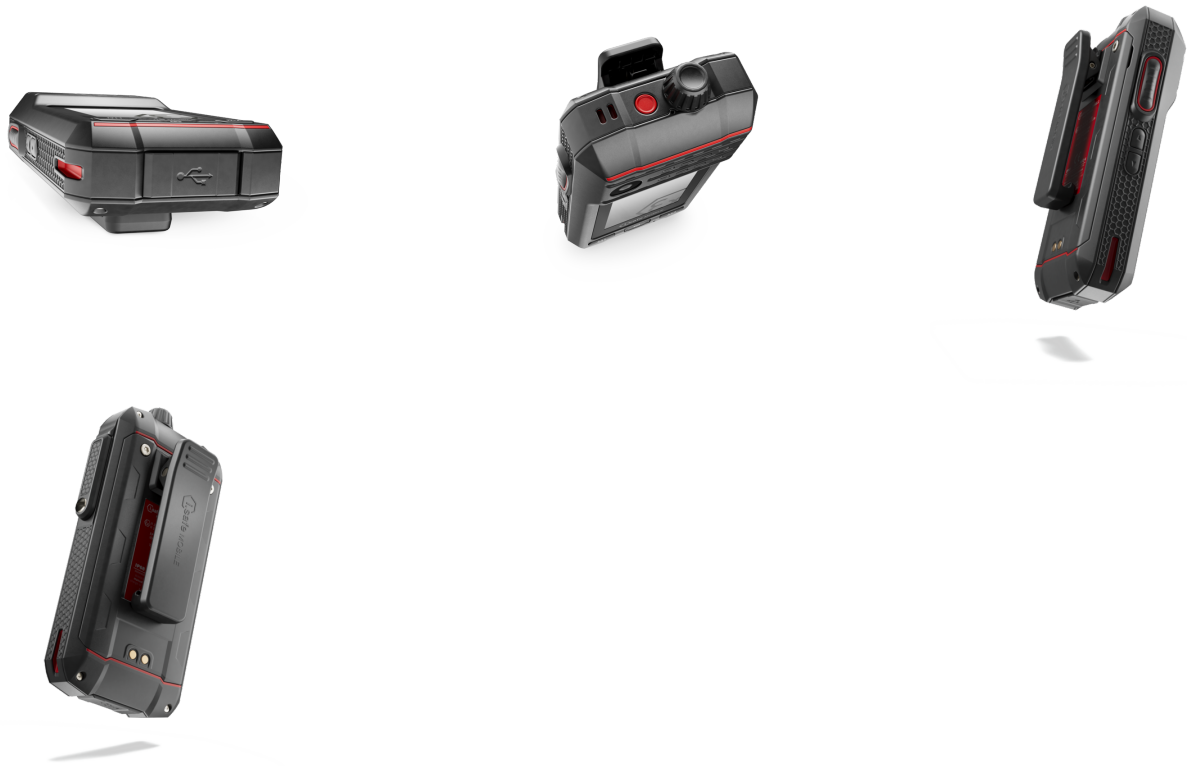
$2,882.00 GST included

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 [App World](#) 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 system	ISM-OS
Processor	Qualcomm® QCM6490 Octa Core
Memory	4 GB RAM 64 GB internal memory
Frequencies	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
Dimensions	Size: 136,6 x 70 x 32 mm Weight: 307 g
Display	2,4" (6,096 cm) Corning® Gorilla® Glass V3
Battery	2400 mAh replaceable
Camera	8 MP AF 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, NavIC, QZSS, SBAS Near Field Communication
Types of protection	IP68 dust-/waterproof MIL-STD 810H Usable from -20 °C to +55 °C

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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...

BARTEC SP9EX1 Smartphone

Pixavi Cam - Intrinsically Safe Camera - Silver Bundle