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

$2,398.00 GST included

SKU: N/A | **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

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

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

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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

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