

5G RADIO

IS440.2



APPROVALS



ATEX approval: EX-Zone 2/22
⊕ II 3G Ex ic IIC T4 Gc
⊕ II 3D Ex ic IIIC T135°C Dc



IECEx approval: EX-Zone 2/22
Ex ic IIC T4 Gc
Ex ic IIIC T135°C Dc



NEC 500 approval
Class I, Div 2, Groups A B C D, T4
Class II, Div 2, Groups F G, 135°C
Class III

Please visit our website and you will find more detailed information, as well as an overview of compatible accessories.

TECHNICAL FEATURES

Model M440A01

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|---------------------------|---|
| OPERATING SYSTEM | ISM-OS 14 |
| PROCESSOR | Qualcomm® QCM6490 Octa Core |
| MEMORY | 4 GB RAM 64 GB internal memory |
| SUPPORTED FREQUENCY BANDS | 4G LTE-FDD: B1/2/3/4/5/7/8/12 mit MFBI/13/14/17/20/25/26/28/29/30/66/68/71 4G LTE-TDD: B38/39/40/41/42/43/48 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 71,5 x 32 mm weight: 322 g |
| DISPLAY | 2,4" Corning® Gorilla® Glass 3 rd generation 240 x 320 pixels |
| BATTERY | 2400 mAh (4800 mAh optional) replaceable |
| CAMERA | 8 MP AF front camera |
| SIM SUPPORT | 1 nano SIM + eSIM |
| CONNECTIONS | Wi-Fi® 6: IEEE 802.11 a/b/g/n/ac/ax/e/k/r/v Bluetooth® 5.2 GPS, A-GPS, Glonass, A-Glonass, Beidou, Galileo Near Field Communication (NFC) |
| INTERFACES | 8-pin ISM interface for optional audio accessories |
| SENSORS | Accelerometer, Gyroscope, Magnetic, Pressure sensors |
| TYPES OF PROTECTION | IP68 dust-/waterproof MIL-STD-810H usable from -20 °C to +55 °C |

FURTHER FEATURES

| | |
|---------------------------------------|--|
| FUNCTION KEY RED | Optional functions assignable via Button App (system integrated), e.g. LWP |
| FUNCTION KEYS LEFT | Optional functions assignable via Button App (system integrated), e.g. PTT |
| CHANNEL SELECTOR KNOB | top |
| FUNCTION KEY M1 & M2 | assignable via Button App |
| AMPLIFIED LOUDSPEAKER | |
| CHARGING CONTACTS FOR DESKTOP CHARGER | |
| INTEGRATED BELT CLIP | |

SET CONTENT

5G Radio, Battery, USB-C Cable, Power Adapter universal, Screwdriver, Display Protection Foil, Belt clip and Safety Instructions