

# **DATASHEET**





### **APPROVALS**



ATEX approval: EX-Zone 1/21 

Il 2G Ex ib IIC T4 Gb

Il 2D Ex ib IIIC T135°C Db





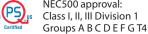
Ex ib IIIC T135°C Db

INMETRO approval:

IECEx approval: EX-Zone 1/21

■ INMETRO approval: Ex ib IIC T4 Gb ■ Ex ib IIIC T135°C Db

Ex ib IIC T4 Gb



Further approvals: IA (South Africa) | PCEC (China) | KCs (South Korea)

#### **TECHNICAL FEATURES MODEL M440A01**

Operating system	ISM-OS
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 with 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 <sup>rd</sup> 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**

Red key top | Optional functions assignable via Button App (system integrated), e.g. LWP

Side key 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, i.safe PROTECTOR 2.0 Type C USB Cable, Power Adapter universal, Screwdriver, Display Protection Foil, Belt clip and Safety Instructions

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