

IS540.1**APPROVALS**

ATEX approval: EX-Zone 1/21
 II 2G Ex ib IIC T4 Gb
 II 2D Ex ib IIIC T135°C Db



IECEx approval: EX-Zone 1/21
 Ex ib IIC T4 Gb
 Ex ib IIIC T135°C Db



NEC500 approval:
 Class I Div. 1 Groups A, B, C, D, T4
 Class II Div. 1 Groups E, F, G, T4
 Class III Div. 1 T4

Further approvals: PCEC (China) | TIIS (Japan) | INMETRO (Brazil) | IA (South Africa) | KCs (South Korea)

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

TECHNICAL FEATURES

Model M540A01

OPERATING SYSTEM

Android™ 14

PROCESSOR

Qualcomm® QCM6490 Octa Core

MEMORY

8 GB RAM | 128 GB internal memory | microSD card supported

SUPPORTED FREQUENCY BANDS

2G GSM 850/900/1800/1900 MHz
 3G WCDMA B1/2/4/5/8
 4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12 MFBI/B13/B14/B17/B20/B25/B26/B28/B29/B30/B66/B71
 4G LTE-TDD: B38/B39/B40/B41/B42/B43/B48
 5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n30/n38/n40/n41/n48/n66/n71/n77/n78/n79

DIMENSIONS

Size: 180,0 x 84,9 x 20,6 mm | weight: 422 g

DISPLAY

6“ Corning® Gorilla® Glass 3rd generation | 1080 x 2160 Pixel | FHD

BATTERY

4400 mAh | replaceable

CAMERA

48 MP AF rear camera | 5 MP FF 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)

PORTS IN/OUT

16-pin ISM interface
 USB-C

SENSORS

Accelerometer, Gyroscope, Light, Magnetic, Proximity, 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 System App, e.g. LWP

FUNCTION KEYS LEFT

Optional functions assignable via Button App (system integrated)

AMPLIFIED LOUDSPEAKER**SET CONTENT**

Smartphone, Battery, i.safe PROTECTOR 2.0 USB-C Cable, Power Adapter universal, Screwdriver, Display Protection Foil, Quick Start Manual and Safety Instructions

