

## SMARTPHONE ZONE 1/21

# 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
<b>OPERATING SYSTEM</b>	Android™ 14
<b>PROCESSOR</b>	Qualcomm® QCM6490 Octa Core
<b>MEMORY</b>	8 GB RAM   128 GB internal memory   microSD card supported
<b>SUPPORTED FREQUENCY BANDS</b>	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
<b>DIMENSIONS</b>	Size: 180,0 x 84,9 x 20,6 mm   weight: 422 g
<b>DISPLAY</b>	6" Corning® Gorilla® Glass 3rd generation   1080 x 2160 Pixel   FHD
<b>BATTERY</b>	4400 mAh   replaceable
<b>CAMERA</b>	48 MP AF rear camera   5 MP FF front camera
<b>SIM SUPPORT</b>	1 nano SIM + eSIM
<b>CONNECTIONS</b>	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)
<b>PORTS IN/OUT</b>	16-pin ISM interface USB-C
<b>SENSORS</b>	Accelerometer, Gyroscope, Light, Magnetic, Proximity, Pressure sensors
<b>TYPES OF PROTECTION</b>	IP68 dust-/waterproof   MIL-STD-810H   usable from -20 °C to +55 °C

### FURTHER FEATURES

<b>FUNCTION KEY RED</b>	Optional functions assignable via System App, e.g. LWP
<b>FUNCTION KEYS LEFT</b>	Optional functions assignable via Button App (system integrated)
<b>AMPLIFIED LOUDSPEAKER</b>	

### 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

