SMARTPHONE ZONE 1/21

IS540.1

APPROVALS

ATEX approval: EX-Zone 1/21
⟨Ex⟩ II 2G Ex ib IIC T4 Gb
⟨Ex⟩ 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 memory up to 128 GB
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

i.safe MOBILE

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