i.safe MOBILE

DATASHEET

〈 **IS540.2** 〉

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

NEC500 approval requested:
Class I, II, III Division 2
Groups A B C D F G T4

IA (South Africa) approval:
Ex ic IIC T4 Gc
Ex ic IIIC T135°C Dc

TECHNICAL FEATURES MODEL M540A01

Operating system	Android™ 12
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: B1/2/3/4/5/7/8/12 with MFBI B13/14/17/20/25/26/28/29/30/66/71 4G LTE-TDD: B38/39/40/41/42/43/48 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 pixels	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

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

Amplified loudspeaker

SET CONTENT

Smartphone, Battery, Power Adapter universal, USB-C Cabel, Screwdriver, Display Protection Foil, Display Cleaning Cloth, Quick Start Manual and Safety Instructions

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

ISAFE-MOBILE.COM

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