



IS940.2
ANDROID TABLET

APPROVAL

Ⓜ II 3G Ex ic IIC T4 Gc
Ⓜ II 3D Ex ic IIIC T135°C Dc
Ex ic IIC T4 Gc
Ex ic IIIC T135°C Dc

OPERATING SYSTEM

Android™ 14

DIMENSIONS

weight: 1059 g
size: 266,17 x 168,46 x 19,82 mm

DISPLAY

10,1" Corning® Gorilla® Glass,
3rd Generation with a resolution
of 1200 x 1920 px

CAMERA

50 MP AF (rear), 5 MP FF (front)

WIRELESS COMMUNICATION

Bluetooth® 5.2, NFC, Wi-Fi 6, GPS,
GPS, A-GPS, GLONASS A, GLONASS,
Beidou, Galileo

PROCESSOR

Qualcomm® QCM6490 Octa Core

MEMORY

8 GB RAM, 128 GB internal memory,
external memory microSD up to
512 GB

FREQUENCIES

4G LTE-FDD: B1/2/3/4/5/7/8/12
with MFB1/13/14/17/20/25/26/28A/
28B/29/30/66/71/68
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

BATTERY

8160 mAh, replacable

SAFETY FUNCTIONS

function key red,
PTT ready*, LWP ready*

DEGREE OF PROTECTION

IP68 dust-/waterproof
MIL-STD 810H
usable from -20 °C to +55 °C



IS-RSMG2.2
REMOTE SPEAKER MICROPHONE

APPROVAL

Class I Div. 2 Groups A B C D T4

DIMENSIONS

weight: 214,3 g
size: 98,0 x 66,0 x 27,0 mm

CONNECTION

helical cable with 13-pin ISM
connector

POWER SUPPLY

over the connected device

LOUDSPEAKER

dynamic, 3-stage volume control
sensitivity: 93 dB (1 mW)
bandwidth: 50 Hz to 8 kHz

MICROPHONE

electret, omnidirectional
sensitivity: -38 dB ±3 dB (1 kHz)
bandwidth: 50 Hz to 16 kHz

DEGREE OF PROTECTION

IP54
operation range -20 to +60 °C

MORE FEATURES

PTT key

Mobile phones, smartphones and tablets for ATEX zone 1, 2, mining and industrial use

The i.safe MOBILE GmbH is your partner for the development, approval and marketing of explosion-proof mobile communication devices. With more than 15 years of experience, i.safe MOBILE GmbH belongs to the most innovative and well-established experts worldwide.

Our priority is development of practice-oriented products based on the legal requirements. We place great emphasis on quality not only in the development of our products, but also by offering customized service to your needs and detailed maintenance plan. To improve upon customer relationship we rely on our authorized worldwide partner network.

In case you need an optimal solution from a technical and economic point of view – i.safe MOBILE GmbH is your expert.

We look forward to have a long-term and trusting relationship with you.

i.safe MOBILE product specifications



IP6X dust and
water protected



impervious to dust and
microparticles



operation range from
-20°C to +60°C



RugDisplay-Glass



cleaning with
germicide possible



amplified loudspeaker



Android
Enterprise

Silver partner

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Zone 2/22 CL I, II, III DIV 2



i.safe MOBILE

*Push-to-talk/LWP (third party application required)

EN



IS120.2
MOBILE PHONE

APPROVAL Ⓔ II 3G Ex ic IIC T4 Gc Ⓔ II 3D Ex ic IIIC T135°C Dc Ex ic IIC T4 Gc Ex ic IIIC T135°C Dc	MEMORY 2 GB RAM, 16 GB internal memory
OPERATING SYSTEM ISM-OS	FREQUENCIES 2G GSM 850/900/1800/1900 MHz 3G WCDMA B1/2/4/5/8 4G LTE-FDD: B1/2/3/4/5/7/8/20/28 4G LTE-TDD: 39/40/41 4G LTE-TD: B34/38
DIMENSIONS weight: 214 g size: 139,2 x 63,2 x 25,7 mm	BATTERY 2200 mAh, replaceable
DISPLAY 2,4" Corning® Gorilla® Glass, 3rd generation with a resolution of 320 x 240 px	DEGREE OF PROTECTION IP68 dust-/waterproof MIL-STD 810H usable from -20 °C to +60 °C
WIRELESS COMMUNICATION Bluetooth® 5, Wi-Fi®	
PROCESSOR Mediatek MT6761D Quad Core, 1,8 GHz	



IS440.2
5G RADIO

APPROVAL Ⓔ II 3G Ex ic IIC T4 Gc Ⓔ II 3D Ex ic IIIC T135°C Dc Ex ic IIC T4 Gc Ex ic IIIC T135°C Dc Class I Div. 2 Groups A, B, C, D, T4 Class II Div. 2 Groups F, G, T135°C Class III	PROCESSOR Qualcomm® QCM6490 Octa Core
OPERATING SYSTEM ISM-OS	MEMORY 4 GB RAM, 64 GB internal memory
DIMENSIONS weight: 307 g size: 136,6 x 70 x 32 mm	FREQUENCIES 4G LTE-FDD: B1/2/3/4/5/7/8/12 with MFB1/13/14/17/20/25/26/28/29/ 30/66/68/71 4G LTE-TDD: B38/39/40/41/42/43/48 5G NR: n1/n2/n3/n5/n7/n8/n12/n14/ 20/n25/n28/n30/n38/n40/n41/n48/n66/ n71/n77/n78/n79
DISPLAY 2,4" Corning® Gorilla® Glass, 3rd generation with a resolution of 320 x 240 px	BATTERY 2400 mAh, replaceable
CAMERA 8 MP AF (front)	SAFETY FUNCTIONS function key red (e.g. SOS), function key left (e.g. PTT), LWP ready*, PTT ready*
WIRELESS COMMUNICATION Bluetooth® 5.2, NFC, Wi-Fi®, GPS, A-GPS, GLONASS, A-GLONASS, Beidou, Galileo, NavIC, QZSS, SBAS	DEGREE OF PROTECTION IP68 dust-/waterproof MIL-STD 810H usable from -20 °C to +55 °C



IS540.2
SMARTPHONE

APPROVAL Ⓔ II 3G Ex ic IIC T4 Gc Ⓔ II 3D Ex ic IIIC T135°C Dc Ex ic IIC T4 Gc Ex ic IIIC T135°C Dc Class I Div. 2 Groups A, B, C, D, T4 Class II Div. 2 Groups F, G, T4 Class III Div. 2, T4	PROCESSOR Qualcomm® QCM6490 Octa Core
OPERATING SYSTEM Android™ 14	MEMORY 8 GB RAM, 128 GB internal memory, microSD up to 128 GB
DIMENSIONS weight: 422 g size: 180,0 x 84,9 x 20,6 mm	FREQUENCIES GSM: 850/900/1800/1900 MHz WCDMA: B1/2/4/5/8 4G LTE-FDD: B1/2/3/4/5/7/8/12 with FBB1/13/14/17/20/25/26/28/28/ 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
DISPLAY 6" Corning® Gorilla® Glass, 3rd generation, resolution of 1080 x 2160 px	BATTERY 4400 mAh, replaceable
CAMERA 48 MP AF (rear), 5 MP FF (front)	SAFETY FUNCTIONS function key red, LWP ready*, PTT ready*
WIRELESS COMMUNICATION Bluetooth® 5.2, NFC, Wi-Fi 6, GPS, A-GPS, GLONASS, Beidou, Galileo	DEGREE OF PROTECTION IP68 dust-/waterproof MIL-STD 810H usable from -20 °C to +55 °C



IS880.2
SMARTPHONE

APPROVAL Ⓔ II 3G Ex ic IIC T4 Gc Ⓔ II 3D Ex ic IIIC T135°C Dc Ex ic IIC T4 Gc Ex ic IIIC T135°C Dc	MEMORY 6 GB RAM, 128 GB internal memory, external memory microSD up to 128 GB
OPERATING SYSTEM Android™ 14	FREQUENCIES 2G GSM: 850/900/1800/1900 MHz 3G WCDMA: B1/2/4/5/8 4G LTE-FDD: B1/2/3/4/5/7/8/12/13/14/ 17/20/28/66 4G LTE-TDD: B34/38/39/40/41
DIMENSIONS weight: 285 g size: 161,0 x 75,0 x 15,8 mm	BATTERY 4500 mAh, replaceable
DISPLAY 5,5" Rug Display Glass useable with gloves	SAFETY FUNCTIONS function key red (e.g. SOS), function key left (e.g. PTT), LWP ready*, PTT ready*
CAMERA 50 MP AF (rear), 8 MP FF (front)	
WIRELESS COMMUNICATION Bluetooth® 5.1, NFC, Wi-Fi, GPS, A-GPS, GLONASS, Beidou, Galileo	DEGREE OF PROTECTION IP68 dust-/waterproof MIL-STD 810H usable from -20 °C to +55 °C
PROCESSOR Qualcomm® Snapdragon SM6225 Octa Core	

*Push-to-talk/LWP (third party application required)