



IS-SW1.1
SMARTWATCH



IS-TH1xx.1
HANDHELD BARCODE-SCANNER



IS-RSM3x.1
REMOTE SPEAKER MICROPHONE



IS-RSMG2.1
REMOTE SPEAKER MICROPHONE

Mobile phones, smartphones and tablets for ATEX zone 1, 2 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



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Zone 1/21 CL I, II, III DIV 1



APPROVAL

Ⓜ II 2G Ex ib IIC T4 Gb
Ⓜ II 2D Ex ib IIIC T135°C Db
Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db

OPERATING SYSTEM

ISM-OS

DIMENSIONS

weight: 70 g
size: 53,95 x 45,4 x 17,6 mm

DISPLAY

1,6" touchscreen with a resolution of 320 x 360 px

BATTERY

500 mAh

WIRELESS COMMUNICATION

Bluetooth® 5.1, Wi-Fi® 2,4 GHz, GPS, GLONASS, Beidou, Galileo, NFC

SENSORS

Pulse, SpO₂, accelerometer, gyroscope, magnetic, pressure

MEMORY

1 GB RAM, 8 GB internal memory

SAFETY FUNCTIONS

SOS key, LWP ready*

VIBRATION ALARM

DEGREE OF PROTECTION

IP68
MIL-STD 810H
usable from -10 °C to +55 °C

APPROVAL

Ⓜ II 2G Ex ib op is IIC T4 Gb
Ⓜ II 2D Ex ib op is IIIC T135°C Db
Ex ib op is IIC T4 Gb
Ex ib op is IIIC T135°C Db
Class I Div. 1 Groups A, B, C, D, T4
Class II Div. 1 Groups E, F, G, T135°C
Class III Div. 1

DIMENSIONS

weight: 377 g
size: 202 x 127 x 90 mm

INDICATION FUNCTION

loudspeaker
vibration
LED display

COMMUNICATION

over the multi functional ISM interface

POWER SUPPLY

over the connected device, this can be charged via the Trigger Handle

SCAN TYPES

Available device options:
IS-TH1MR.1 (mid range) with Zebra SE4750 MR up to 6 m

IS-TH1ER.1 (extended range) with Zebra SE4850 ER up to 18 m

APPROVAL

Ⓜ II 2G Ex ib IIC T4 Gb
Ⓜ II 2D Ex ib IIIC T135°C Db
Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db

DIMENSIONS

weight: 205 g
size: 104,26 x 64,0 x 32,2 mm

CONNECTION

IS-RSM3A.1 helical cable with 16-pin ISM connector

IS-RSM3B.1 Bluetooth

BATTERY

2.200 mAh

LOUDSPEAKER

>103 dB

MICROPHONE

Electret condenser microphone
Omni-Directional

DEGREE OF PROTECTION

IP68
MIL-STD 810H
operation range -20 to +55 °C

MORE FEATURES

Function key left (PTT)
Up & down key
Function key circular
All keys can be assigned to a function via the „Button APP“ (except volume +/-)

APPROVAL

Ⓜ II 2G Ex ib IIC T4 Gb
Ex ib IIC T4 Gb
Class I Div. 1 Groups A B C D T4

DIMENSIONS

weight: 212 g
size: 98,11 x 65,93 x 26,96 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

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



IS440.1 5G RADIO

IS530.1 SMARTPHONE

IS540.1 SMARTPHONE

IS930.1 TABLET

IS940.1 ANDROID TABLET

IS945.1 WINDOWS TABLET

REALWEAR NAVIGATOR Z1 HEAD MOUNTED TABLET

APPROVAL
 ☉ II 2G Ex ib IIC T4 Gb
 ☉ II 2D Ex ib IIIC T135°C Db
 Ex ib IIC T4 Gb
 Ex ib IIIC T135°C Db

OPERATING SYSTEM
 ISM-OS

DIMENSIONS
 weight: 307 g
 size: 136,6 x 70 x 32 mm

DISPLAY
 2,4" Corning® Gorilla® Glass,
 3rd generation with a resolution
 of 320 x 240 px

CAMERA
 8 MP AF (front)

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

PROCESSOR
 Qualcomm® QCM6490

MEMORY
 4 GB RAM, 64 GB internal memory

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

BATTERY
 2400 mAh, replaceable

SAFETY FUNCTIONS
 function key red (e.g. SOS),
 side key left (e.g. PTT),
 LWP ready*, PTT ready*

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

APPROVAL
 ☉ II 2G Ex ib IIC T4 Gb
 ☉ II 2D Ex ib IIIC T135°C Db IP6X
 Ex ib IIC T4 Gb
 Ex ib IIIC T135°C Db IP6X
 Class I Div. 1 Groups A, B, C, D, T4
 Class II Div. 1 Groups E, F, G, T135°C
 Class III Div. 1

OPERATING SYSTEM
 Android™ 13

DIMENSIONS
 weight: 325 g
 size: 155 x 80 x 25 mm

DISPLAY
 4,5" Corning® Gorilla® Glass
 with a resolution of 854 x 480 px

CAMERA
 13 MP AF (rear), 5 MP FF (front)

WIRELESS COMMUNICATION
 Bluetooth® 5, NFC, Wi-Fi®, GPS, A-GPS,
 GLONASS, Beidou, Galileo

PROCESSOR
 Qualcomm® Snapdragon™SDM660
 Octa Core

APPROVAL
 ☉ II 2G Ex ib IIC T4 Gb
 ☉ II 2D Ex ib IIIC T135°C Db IP6X
 Ex ib IIC T4 Gb
 Ex ib IIIC T135°C Db IP6X
 Class I Div. 1 Groups A, B, C, D, T4
 Class II Div. 1 Groups E, F, G, T135°C
 Class III Div. 1

OPERATING SYSTEM
 Android™ 14

DIMENSIONS
 weight: 422 g
 size: 180,0 x 84,9 x 20,6 mm

DISPLAY
 6" Corning® Gorilla® Glass,
 3rd generation, resolution of
 1080 x 2160 px

CAMERA
 48 MP AF (rear), 5 MP FF (front)

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

PROCESSOR
 Qualcomm® QCM6490 Octa Core

MEMORY
 4 GB RAM, 128 GB internal
 memory, external memory microSD
 up to 128 GB

FREQUENCIES
 GSM: 850/900/1800/1900 MHz
 WCDMA: B1/2/4/5/8
 LTE-FDD: B1/2/3/4/5/7/8/12
 with MFB1/13/14/17/20/25/
 26/28A/28B/29/30/66
 LTE-TDD: B38/B39/B40/B41
 LTE-TD: B34/B39

BATTERY
 3600 mAh, replaceable

SAFETY FUNCTIONS
 function key red (e.g. SOS),
 side key left (e.g. PTT),
 LWP ready*, PTT ready*

DEGREE OF PROTECTION
 IP68 dust-/waterproof
 MIL-STD 810H
 usable from -20 °C to +60 °C

APPROVAL
 ☉ II 2G Ex ib IIC T4 Gb
 ☉ II 2D Ex ib IIIC T135°C Db
 Ex ib IIC T4 Gb
 Ex ib IIIC T135°C Db
 Class I Div. 1 Groups A, B, C, D, T4
 Class II Div. 1 Groups E, F, G, T135°C
 Class III Div. 1

OPERATING SYSTEM
 Android™ 13

DIMENSIONS
 weight: 890 g
 size: 237 x 156 x 22 mm

DISPLAY
 8" RugDisplay Glass multi
 capacitive touchscreen with a
 resolution of 1200 x 1920 px

CAMERA
 13 MP AF (rear), 5 MP FF (front)

WIRELESS COMMUNICATION
 Bluetooth® 5, NFC, Wi-Fi®, GPS,
 A-GPS, GLONASS, Beidou, Galileo

PROCESSOR
 Qualcomm® QCM6490 Octa Core

MEMORY
 8 GB RAM, 128 GB internal memory,
 microSD up to 128 GB

FREQUENCIES
 GSM: 850/900/1800/1900 MHz
 WCDMA: B1/2/4/5/8
 LTE-FDD: B1/2/3/4/5/7/8/12
 with MFB1/13/14/17/20/25/26/28A/
 29/30/66/71
 LTE-TDD: B38/39/40/41/42/43/48
 NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/
 n28/n30/n38/n40/n41/n48/n66/n71/
 n77/n78/n79

BATTERY
 4400 mAh, replaceable

SAFETY FUNCTIONS
 function key red,
 LWP ready*, PTT ready*

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

APPROVAL
 ☉ II 2G Ex ib IIC T4 Gb
 ☉ II 2D Ex ib IIIC T135°C Db IP6X
 Ex ib IIC T4 Gb
 Ex ib IIIC T135°C Db IP6X
 Class I Div. 1 Groups A, B, C, D, T4
 Class II Div. 1 Groups E, F, G, T135°C
 Class III Div. 1

OPERATING SYSTEM
 Android™ 13

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
 AOS: 50 MP AF (rear), 5 MP FF (front)
 WIN: 12 MP AF (rear), 5 MP FF (front)

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

PROCESSOR
 Qualcomm® Snapdragon™ SDM660
 Octa Core

MEMORY
 4 GB RAM, 64 GB internal
 memory, external memory microSD
 up to 128 GB

FREQUENCIES
 GSM: 850/900/1800/1900 MHz
 WCDMA: UMTS B1/2/4/5/8
 LTE-FDD: B1/2/3/4/5/7/8/12
 with MFB1/13/14/17/20/25/26/28A/
 28B/29/30/66
 LTE-TDD: B38/B39/B40/B41
 TD-SCDMA: B34/B39

BATTERY
 8400 mAh

SAFETY FUNCTIONS
 function key red, LWP ready*

DEGREE OF PROTECTION
 IP68 dust-/waterproof
 MIL-STD 810H
 usable from -20 °C to +60 °C

APPROVAL
 ☉ II 2G Ex ib IIC T4 Gb
 ☉ II 2D Ex ib IIIC T135°C Db
 Ex ib IIC T4 Gb
 Ex ib IIIC T135°C Db
 Class I Div. 1 Groups A, B, C, D, T4
 Class II Div. 1 Groups E, F, G, T135°C
 Class III Div. 1

OPERATING SYSTEM
 Android™ 14 (IS940.1)
 Windows 11 IoT Enterprise (IS945.1)

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
 AOS: 50 MP AF (rear), 5 MP FF (front)
 WIN: 12 MP AF (rear), 5 MP FF (front)

WIRELESS COMMUNICATION
 Bluetooth® 5.2, NFC, Wi-Fi® 6, 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 128 GB

FREQUENCIES
 4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/
 B12 with MFB1/B13/B14/B17/B20/B25/
 B26/B28A/B28B/B29/B30/B66/B71/B68
 4G LTE-TDD: B38/B39/B40/B41/B42/
 B43/B48
 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

APPROVAL
 I M1 Ex ia I Ma
 ☉ II 2G Ex ib IIC T4 Gb
 ☉ II 2D Ex ib IIIC T200°C Db
 Ex ib IIC T4 Gb
 Ex ib IIIC T200°C Db
 Class I Div. 1 Groups A, B, C, D, T4
 Class II Div. 1 Groups E, F, G, T200°C
 Class III

OPERATING SYSTEM
 Android™ 12 (AOSP) + WearHF™
 hands-free interface

DIMENSIONS
 weight: 383 g

DISPLAY
 0,35"; 24° field-of-view, 24-bit color LCoS,
 outdoor visible, resolution 720 x 1280 px

THERMAL CAMERA MODULE
 Thermal sensor: FLIR Lepton® 3.5,
 Thermal resolution: 160 x 120,
 Effective frame rate: 8.7Hz,
 FOV: 57° (H) nominal | 71° (D) nominal,
 Object temp. range: -20 to 400 °C,
 Thermal sensitivity (NETD): <50mK,
 Spectral range: 8 to 14µm,
 Accuracy - High gain Mode: Greater of
 +/- 5 °C or 5% (typical), Low gain Mode:
 Greater of +/- 10 °C or 10% (typical)

BATTERY
 2550 mAh, replaceable and
 rechargeable, for full shift use

DEGREE OF PROTECTION
 IP66
 MIL-STD 810H
 usable from -20 °C to +55 °C

VISUAL CAMERA
 48 MP AF, PDAF with LED flashlight,
 up to 1080p @ 60 fps, >6x zoom in HD,
 video stabilization, codecs: VP8, VP9,
 H.264, H.265 HEVC

WIRELESS COMMUNICATION
 Bluetooth® 5.2, Wi-Fi® 6/E, GPS,
 GLONASS, Beidou, Galileo, NavIC,
 QZSS, SBAS

PROCESSOR
 Qualcomm® SQCS6490

MEMORY
 8 GB RAM, 125 GB internal
 memory

INCLUDED APPLICATIONS
 document navigator, camera with
 barcode reader, Audio Recorder, Video
 Recorder, Webpage Viewer, Cloud Sync,
 Media Player, Calculator, Pedometer,
 Timer

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



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 MFBI/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

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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



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 Germany

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



i.safe MOBILE

EN

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



IS120.2
MOBILE PHONE



IS440.2
5G RADIO



IS540.2
SMARTPHONE



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

OPERATING SYSTEM

ISM-OS

DIMENSIONS

weight: 214 g
size: 139,2 x 63,2 x 25,7 mm

DISPLAY

2,4" Corning® Gorilla® Glass,
3rd generation with a resolution
of 320 x 240 px

WIRELESS COMMUNICATION

Bluetooth® 5, Wi-Fi®

PROCESSOR

Mediatek MT6761D
Quad Core, 1,8 GHz

MEMORY

2 GB RAM,
16 GB internal memory

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

BATTERY

2200 mAh, replaceable

DEGREE OF PROTECTION

IP68 dust-/waterproof
MIL-STD 810H
usable from -20 °C to +60 °C

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

OPERATING SYSTEM

ISM-OS

DIMENSIONS

weight: 307 g
size: 136,6 x 70 x 32 mm

DISPLAY

2,4" Corning® Gorilla® Glass,
3rd generation with a resolution
of 320 x 240 px

CAMERA

8 MP AF (front)

WIRELESS COMMUNICATION

Bluetooth® 5.2, NFC, Wi-Fi®,
GPS, A-GPS, GLONASS, A-GLONASS,
Beidou, Galileo, NavIC, QZSS, SBAS

PROCESSOR

Qualcomm® QCM6490 Octa Core

MEMORY

4 GB RAM,
64 GB internal memory

FREQUENCIES

4G LTE-FDD: B1/2/3/4/5/7/8/12
with MFBI/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

BATTERY

2400 mAh, replaceable

SAFETY FUNCTIONS

function key red (e.g. SOS),
function key left (e.g. PTT),
LWP ready*, PTT ready*

DEGREE OF PROTECTION

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

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

OPERATING SYSTEM

Android™ 14

DIMENSIONS

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

DISPLAY

6" Corning® Gorilla® Glass,
3rd generation, resolution of
1080 x 2160 px

CAMERA

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

WIRELESS COMMUNICATION

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

PROCESSOR

Qualcomm® QCM6490 Octa Core

MEMORY

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

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 FBI/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

BATTERY

4400 mAh, replaceable

SAFETY FUNCTIONS

function key red,
LWP ready*, PTT ready*

DEGREE OF PROTECTION

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

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: 285 g
size: 161,0 x 75,0 x 15,8 mm

DISPLAY

5,5" Rug Display Glass
useable with gloves

CAMERA

50 MP AF (rear), 8 MP FF (front)

WIRELESS COMMUNICATION

Bluetooth® 5.1, NFC, Wi-Fi,
GPS, A-GPS, GLONASS, Beidou, Galileo

PROCESSOR

Qualcomm® Snapdragon SM6225
Octa Core

MEMORY

6 GB RAM, 128 GB internal
memory, external memory microSD
up to 128 GB

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

BATTERY

4500 mAh, replaceable

SAFETY FUNCTIONS

function key red (e.g. SOS),
function key left (e.g. PTT),
LWP ready*, PTT ready*

DEGREE OF PROTECTION

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

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