



< HMT-1Z1 >

Head Mounted Tablet

- › **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
- › **Operating system**
Android™ 10 + WearHF™
hands-free interface
- › **Dimensions**
weight: 430 g
- › **Display**
20° field-of-view, 1 m fixed focus,
24-bit color LCD, 0,33" diagonal,
out-door visible, resolution WVGA
854 x 480 px
- › **Camera**
16 MP 4-image stabilized, PDAF with
LED flashlight
- › **Wireless communication**
Bluetooth® 4.1 LE, Wi-Fi®, GPS, GLO-
NASS, Beidou
- › **Processor**
2,0 GHz Qualcomm® Snapdragon™
625 with Adreno 506 GPU - OpenGL
ES3.1 & OpenCL 2.0
- › **Memory**
2 GB RAM, 16 GB internal
memory, external memory microSD
- › **Includes applications**
document navigator, camera with
barcode reader, video
recorder, media player
- › **Battery**
3400 mAh
- › **Degree of protection**
IP66
MIL-STD 810G

- › **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 loaded in the Trigger
Handle
- › **Scan types**
IS-TH1 MR (mid range)
with Zebra SE4750 MR up to 6 m
IS-TH1 ER (extended range)
with Zebra SE4850 ER up to 18 m

< IS-RSMG2.1 >

Remote Speaker Microphone

- › **Approval**
ATEX Zone 1/21
Ⓢ II 2G Ex ib IIC T4 Gb
IECEx Zone 1/21
Ex ib IIC T4 Gb
NEC500
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**
ISM interface,
over the spiral cable
- › **Power supply**
over the connected device
- › **Loudspeaker**
dynamic, 3-stage volume control
sensitivity: 93 dB (1 mW)
bandwidth: 50 Hz to 8 kHz
- › **Microphone**
electric, omnidirectional
sensitivity: -38 dB ±3 dB (1 kHz)
bandwidth: 50 Hz to 16 kHz
- › **Degree of protection**
IP54
operation range -20 to +60 °C
- › **Others**
PTT key

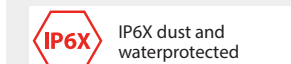
i.safe MOBILE Mobile phones, smartphones and tablets for ATEX zone 1, 2 and industrial use

The i.safe MOBILE GmbH is your **partner** for the develop-
ment, 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.

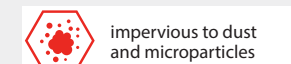
Our priority is development of practice-oriented products
based on the legal requirements. We place **great emphasis
on quality** not only in the development of our products,
but also by offering customized service to your needs and
detailed maintenance plan. To improve upon costomer
relationship we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

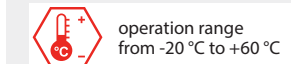
All i.safe MOBILE products are standard equipped
with the following specifications:



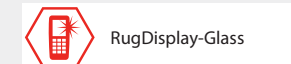
IP6X dust and
waterprotected



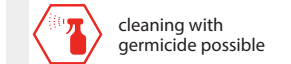
impervious to dust
and microparticles



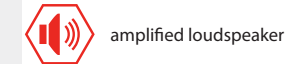
operation range
from -20 °C to +60 °C



RugDisplay-Glass



cleaning with
germicide possible



amplified loudspeaker



i.safe MOBILE GmbH
i_Park Tauberfranken 10, 97922 Lauda-Koenigshofen, Germany
info@i-safe-mobile.com



Devices for Zone 1/21 | CL I, II, III DIV 1



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

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< IS120.1 >

Mobile Phone



< IS440.1 >

5G Radio



< IS530.1 >

Smartphone



< IS540.1 >

Smartphone



< IS930.1 >

Tablet



Android < IS940.1 >

Windows < IS945.1 >

Tablet

- **Approval**
② II 2G Ex ib IIC T4 Gb
② 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: 214 g
size: 140 x 63 x 26 mm
- **Display**
2,4" Corning® Gorilla® Glass
with a resolution of 240 x 320 px
- **Wireless communication**
Bluetooth® 5, Wi-Fi*
- **Processor**
MT6761D
Quad Core, 1,8 GHz
- **Memory**
2 GB RAM,
16 GB internal memory
- **Frequencies**
GSM: B2/3/5/8
WCDMA: B1/2/4/5/8
LTE-FDD: B1/2/3/4/5/7/8/20/28
LTE-TDD: B34/B38/39/B40/B41
- **Battery**
2200 mAh, replaceable
- **Degree of protection**
IP68 dust-/waterproof
MIL-STD 810H
usable from -20 °C to +60 °C

- **Approval**
② II 2G Ex ib IIC T4 Gb
② 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: 322 g
size: 136,6 x 71,5 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/
n20/n25/n28/n30/n38/n40/n41/n48/
n66/n71/n77/n78/n79
- **Battery**
2400 mAh, replaceable
- **Safety functions**
SOS key, PTT key
LWP ready*, PTT ready*
- **Degree of protection**
IP68 dust-/waterproof
MIL-STD 810H
usable from -20 °C to +55 °C

- **Approval**
② II 2G Ex ib IIC T4 Gb
② 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 (2,2 GHz/1,8 GHz)

- **Memory**
4 GB RAM, 64 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
TD-SCDMA: B34/B39
- **Battery**
3600 mAh, replaceable
- **Quick charge**
- **Safety functions**
SOS key, PTT key
LWP ready*, PTT ready*
- **Degree of protection**
IP68 dust-/waterproof
MIL-STD 810H
usable from -20 °C to +60 °C

- **Approval**
② II 2G Ex ib IIC T4 Gb
② 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™ 12
- **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**
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/
14/17/20/25/26/28/28B/29/30/66/68/71
LTE-TDD: B38/39/40/41/42/43/48
TD-SCDMA: B34/B39
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**
Red key,
LWP ready*, PTT ready*
- **Degree of protection**
IP68 dust-/waterproof
MIL-STD 810H
usable from -20 °C to +55 °C

- **Approval**
② II 2G Ex ib IIC T4 Gb
② 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: 866 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® 6, GPS,
A-GPS, GLONASS, Beidou, Galileo

- **Processor**
Qualcomm® Snapdragon™ SDM660
Octa Core (2,2 GHz/1,8 GHz)
- **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**
SOS key
LWP ready*
- **Degree of protection**
IP68 dust-/waterproof
MIL-STD 810H
usable from -20 °C to +60 °C

- **Approval** requested
② II 2G Ex ib IIC T4 Gb
② 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™ (IS940.1)
Windows 11 Pro (IS945.1)
- **Display**
10,1" Corning® Gorilla® Glass,
3rd generation
- **Camera**
rear/front
- **Wireless communication**
Bluetooth® NFC, Wi-Fi® 2, GPS,
A-GPS, GLONASS, A-GLONASS,
Beidou, Galileo

- **Processor**
Qualcomm® QCM6490
- **Memory**
8 GB RAM, 128 GB internal
memory, external memory microSD
up to 128 GB
- **Frequencies**
4G
5G¹
- **Battery**
replaceable
- **Safety functions**
SOS-Taste
PTT ready*, LWP ready*
- **Degree of protection**
IP68 dust-/waterproof
MIL-STD 810H
usable from -20 °C to +55 °C

For Windows version
¹ available from Q4/2024 | ² available from mid-2024