

**ZONE 1/21  
CL I, II, III DIV 1**



**Intuitive voice control  
for hands-free working**



**Android™ 10**

**< HMT-1Z1 >**

The world's first, voice-controlled tablet for hands-free working in potentially explosive zones 1/21 or CSA Class I, II, III Division 1 is Android-based and has a high-resolution microdisplay. Thanks to its intuitive voice control and digital microphones with active noise suppression, the innovative mobile device is particularly suitable for highly complex remote support applications in noisy industrial environments.

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# i.safe MOBILE

< HMT-1Z1 >



ATEX approval: EX-Zone 1/21  
Ⓜ II 2G Ex ib IIC T4 Gb  
Ⓜ II 2D Ex ib IIIC T135°C Db IP6X



IECEx approval: EX-Zone 1/21  
Ex ib IIC T4 Gb  
Ex ib IIIC T135°C Db IP6XX



NEC500 approval:  
Class I, II, III Division 1  
Groups A B C D E F G T4

Further approvals: INMETRO (Brazil) | KCs (South Korea) | PCEC (China) | SANS (South Africa)

## TECHNICAL FEATURES

<b>Operating system</b>	Android™ 10 + WearHF™ hands-free interface
<b>Processor</b>	2,0 GHz Qualcomm Snapdragon 625 with Adreno 506 GPU - OpenGL ES3.1 & OpenCL 2.0,
<b>Memory</b>	2 GB RAM   16 GB internal memory   microSD memory up to 64 GB
<b>Dimensions</b>	size: ~270 x ~230 mm   weight: 437 g
<b>Display</b>	20° field-of-view, 1 m fixed focus, 24-bit color LCD   0,33 inch diagonal, outdoor visible   resolution WVGA 854 x 480 pixel
<b>Battery</b>	integrated 3400 mAh battery, full shift (9-10 hrs) with typical use
<b>Camera</b>	16 MP 4-image stabilized, PDAF with LED flashlight
<b>Connections</b>	WiFi 2,4 GHz + 5 GHz: IEEE 802.11 a/b/g/n/ac Bluetooth® 4.1 LE GPS, Glonass, Beidou, Galileo
<b>Types of protection</b>	IP68 dust-/waterproof   MIL-STD-810G   usable from -20 °C to +60 °C

## FURTHER FEATURES



100% hands free



Includes applications: document navigator, camera with barcode eader, video recorder, media player



**PPE COMPATIBLE**  
Designed to work with standard hard helmets, bump caps and safety glasses



Internal 91 dB loudspeaker, 4 digital microphones with active noise cancellation



Accelerometer, gyroscope, magnetic sensor

## SET CONTENT

Head Mounted Tablet with integrated battery, Semi Rigid Carrying Case, Overhead Strap, Rear Pad, Hard Hat Clips (3 pairs), i.safe PROTECTOR 1.0 Micro USB Cable, Power Adapter universal, 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.