

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



**HMT-1Z1**

**Safer. Faster. Smarter.**  
The HMT-1Z1 is the world's first  
intrinsically safe hands-free  
Android™ tablet class wearable  
computer for industrial workers.

➤ Please visit our website and you will find more detailed information, as well as an overview of compatible accessories. ➤ i.safe MOBILE and i.safe MOBILE logo are registered trademarks of i.safe MOBILE GmbH. Android is a trademark of Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License. Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide. Wi-Fi® is a registered trademark of the Wi-Fi Alliance. All other trademarks and copyrights are the properties of their respective owners. ➤ © 2018 by i.safe MOBILE GmbH | All rights reserved. | Misprints, errors and modifications excepted. | 1024MD01REV00\_EN

## TECHNICAL FEATURES



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



IECEx approval:  
EX-zone 1/21  
Ex ib IIC T4 Gb  
Ex ib IIC T135°C Db IP6X



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



Android™ 6.0.1  
+ WearHF™ hands-free  
interface



2.4GHz and 5GHz:  
802.11a/b/g/n/ac



Bluetooth® 4.1 LE



2.0 GHz Qualcomm Snap-  
dragon 625 with Adreno  
506 GPU - OpenGL ES3.1  
& OpenCL 2.0,  
2 GB RAM, 16 GB internal  
memory



external memory  
microSD card



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



weight: 430 g



16 MP 4-image stabilized,  
PDAF with LED flashlight

## FURTHER FEATURES



protected against dust  
and water, 2 meter drop



drop-protection,  
tested against: extreme  
temperatures, barometric  
pressure, humidity and  
vibrations.



20° field-of-view, 1 m fixed  
focus, 24-bit color LCD,  
0.33 inch diagonal, out-  
door visible, resolution  
WVGA 854 x 480 pixel



100% hands free



Internal 91dB loud-  
speaker  
4 digital microphones with  
active noise cancellation



integrated 3400 mAh  
battery, full shift (9-10  
hrs) with typical use



GPS, Glonass, BeiDou,  
Baidu A-GPS



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

## CONTENTS

Head-mounted tablet with integrated battery, overhead strap, rear pad,  
USB cable i.safe PROTECTOR, quickstart manual and safety instructions