

# Malux

**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.

## TECHNICAL FEATURES



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 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

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