



**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.

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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



Approved for North America:
Class I, II, III Division 1
Groups A B C D E F G, T4
Intrinsically Safe



Android™ 10
+ WearHF™ hands-free
interface



2,4 GHz and 5 GHz:
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 up to 64 GB



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



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



GPS, A-GPS, Glonass,
Beidou



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

CONTENTS

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, Adapter, Quick Start Manual and Safety Instructions