

**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™ 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