

RealWare HMT-1Z1

Core Platform & Functions

- Operating System Android 6.0.1 (AOSP) + WearHF™ hands-free interface
- Chipset 2.0 GHz 8-core Qualcomm® Snapdragon™ 625 with Adreno 506 GPU - OpenGL ES 3.1 & OpenCL 2.0
- Memory: 16 GB Internal Storage / 2 GB RAM / MicroSD Slot
- Included Applications: Document Navigator, Camera with Barcode Reader, Video Recorder, Media Player
- Languages Supported: English, Spanish, French, German, Italian, Portuguese, Russian, Mandarin Chinese, Japanese, Korean



- Boom Arm: Adjust six ways for all head sizes, left or right eye compatible, display flips out of way when not in use

Display

- Type: 20° field-of-view, 1 meter fixed focus 24-bit color LCD, 0.33 inch diagonal, outdoor visible
- Resolution: WVGA (854x480)

Audio

- Microphones: 4 digital microphones with active noise cancellation Accurate voice recognition even in 95 dBA of typical industrial noise
- Speaker: Internal 91 dB loudspeaker

Multimedia

- Camera: 16 MP 4-axis optical image stabilization, PDAF with LED flashlight
- Video: Up to 1080p @30fps. Codecs: VP8, VP9 and hardware encoding support for H.264, H.265 HEVC

Connectivity & Sensors

- Bluetooth: BT 4.1 LE (Low Energy)
- Wi-Fi: 802.11 a/b/g/n/ac – 2.4GHz and 5GHz
- GPS and Location: GPS, GLONASS, BeiDou, Baidu A-GPS
- IMU: 9-DOF (3-axis accelerometer, magnetometer, and gyroscope), software enhanced stabilization

Battery

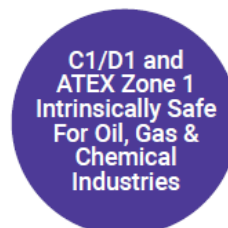
- Capacity: 3250 mAh Li-Ion, rechargeable and field swappable
- Battery Life: Full shift (9-10 hrs) with typical use

Physical Characteristics

- Weight: 380 g
- Ruggedization: 2 meter drop, IP66, MIL-STD-810G
- Dedicated Keys: Power key, application specific Action key
- Ports: 3.5mm audio, 1 micro-USB, 1 USB Type-C

Accessories

- Included: Battery Wall Charger, USB Type-C Charging Cable
- Optional Spare Battery, 6 Battery Multi-Charger, Hard Hat Clips, Bump Cap and Tri-Band Strap, Ear Bud Hearing Protection Headphone rated at 33dB noise reduction rating (NRR), Soft Pouch Carrying Case, Semi Rigid Carrying Case, replacement Overhead Straps and Rear Pads



Specifications subject to change without notice