

RealWear

RealWear HMT-1

HEAD MOUNTED TABLET „HMT-1“

Features

- Voice controlled “tablet” with a micro display
- Android 10 platform (AOSP) + WearHF Interface
- IP66 rated. MIL-STD 810G: protected against heavy seas or powerful jets of water, drop proof, dust tight, -20 to +50 degrees Celsius
- Suitable for loud industrial environments
- Wear it as-is or with hard hats and/or safety glasses
- Full shift battery - 8h+, hot swappable
- 16MP camera with five-level digital zoom and LED flashlight
- WiFi, Bluetooth LE, Micro USB, Type C USB
- IMU: GPS, gyroscope, magnetometer
- Weight: 380g



RealWear HMT-1 (cont.)

HMT-1 DATA

- **Languages** Supported: English, German, Spanish, French, Italian, Dutch, Portuguese, Russian, Mandarin Chinese, Traditional Chinese, Japanese, Korean, Thai, Polish
- **Boom Arm** with 4 digital **microphones** with active **noise cancellation**. accurate voice recognition even in 95 dBA of typical industry noise, internal 91 db loudspeaker, 3,5mm audio jack also for use with hearing protection
- **Chipset and Memory:** 2.0 GHz 8-core Snapdragon'. with GPU - OpenGL ES 3.1 & OpenCL 2.0, 16GB Flash, 2GB RAM
- **3250 mAh Li-Ion battery**, rechargeable, field and hot swappable
- **micro SD Slot** for storage up to 256 GB (recommended)
- **Display:** colored WVGA LCD micro display with 854x480 pixels; display can be worn below left or right eye, individually adaptable by the so called Boom Arm
- **GPS and Locaton:** GPS, GLONASS, BeiDou, Baidu A-GPS plus 3-axis accelerometer, magnetometer and gyroscope, software enhanced stabilization
- **Connectivity:** WiFi, 802.11 a/b/g/n/ac, Bluetooth 2 EDR & 4.1 LE - the HMT-1 supports Bluetooth connections as either Slave Mode (e.g. Smartphones) or Master Mode (e.g. Speakers).
Micro USB for connection to the PC, is recognized as a removable disk, can be charged this way too;
USB-C as a fast charging or docking option for third-party devices (such as LTE dongle)

RealWear HMT-1Z1

HEAD MOUNTED TABLET „HMT-1Z1“

- Intrinsically Safe
ATEX Zone 1 and CSA C1/D1

ATEX

II 2G Ex ib IIC T4 Gb

II 2D Ex ib IIIC T135°C Db IP6X

IECEX

Ex ib IIC T4 Gb

Ex ib IIIC T135°C Db IP6X

NEC500

Class I, Division 1, Groups A,B,C,D T4

Class II & III, Division 1, Groups E,F,G T4

- The HMT-1Z1 differs from the HMT-1:
 - non-replaceable but stronger battery (more than 8 hours)
 - no Type C-USB, but still a Micro-USB port
 - USB cable with charging protection (but not intrinsically safe)
 - 50g more weight
 - red marking to avoid confusion with the HMT-1

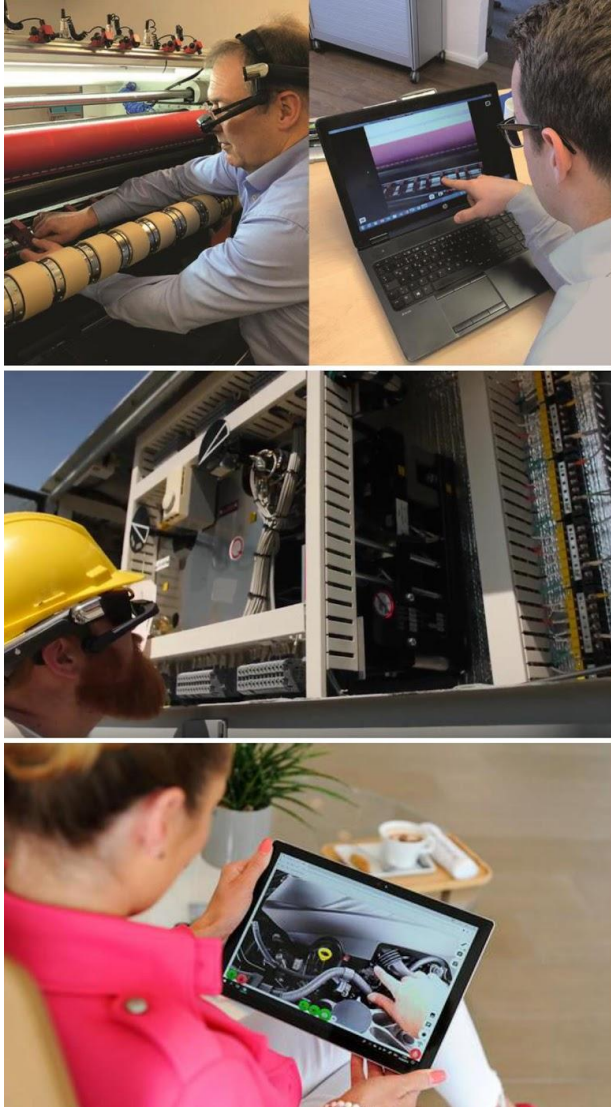


RealWear HMT-1 (cont.)

AWARDS HMT-1



RealWear Use Case



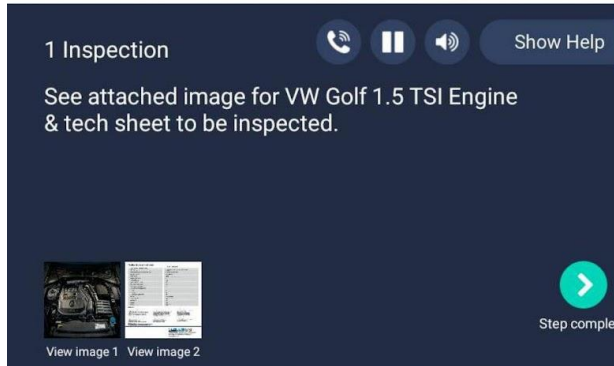
USE CASE „REMOTE SUPPORT“

- Video live streaming, video image capture, or screen sharing can be used to make repairs, maintenance, or service in teams or at least get supported.
The knowledge of experts is immediately available worldwide with the help of various software solutions.
- Benefits: minimizing downtime, finding solutions fast, reduction of traveling in connection with travel costs
These work processes can also be recorded and stored live on video from the worker's point of view for documentation and training purposes.

More informationen about „Remote Support“ can be found here :

<https://realwear.at/en/use-cases/remote-support/>

RealWear Use Case



USE CASE „DIGITAL ASSISTANCE“

- The RealWear Head Mounted Tablet can actively support work processes in many ways. This can be especially helpful if processes are not part of the personal or operational routine.

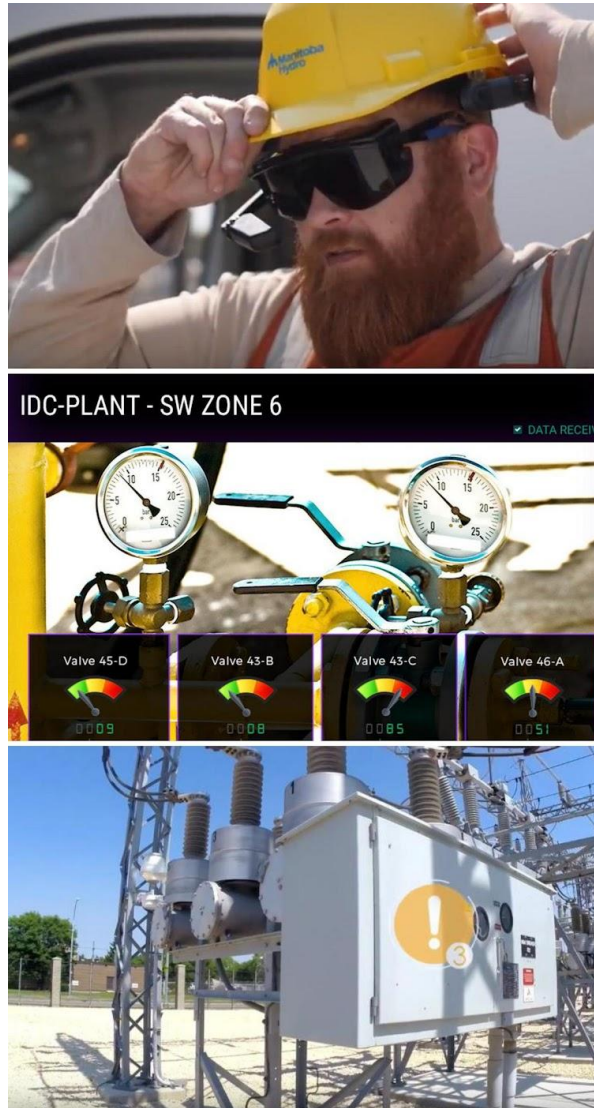
Defined work instructions in the form of PDFs, videos or in applications can be retrieved and standardized implemented.

- Benefits: Quality assurance, support of independent work, minimization of media breaks (paper, display, etc.)

More information about „Digital Assistance“ can be found here:

<https://realwear.at/en/use-cases/digital-assistance/>

RealWear Use Case



USE CASE „INDUSTRIAL INTERNET OF THINGS “

- Wi-Fi, Bluetooth, GPS and an integrated barcode scanner in the camera create connectivity at the relevant location. It is also possible to visualize data on the micro display via beacons, augmented markers or QR-/Barcodes. Augmented reality applications are also fully supported. GPS, digital and magnetic compass and gyroscope are integrated.

> Use the HMT-1 as the central hub to gain all surrounding information and as the primary interface for data processing

RealWear Partners

SOFTWARE-PARTNER



RealWear Accessories

ACCESSORIES HEAD MOUNTED TABLET



- Informationen about all the accessories can be found here:

<https://realwear.at/en/hmt-1/accessories-for-the-hmt-1-and-the-hmt-1z1-in-europe/>