

Head Mounted Tablet „HMT-1“



Voice based operating system, hands-free wearable for industrial workers

- IP66
- Android 8.1
- Full shift internal battery



Use Cases

Remote Support

Repairs, maintenance or service can be managed or at least supported remotely by video live streaming. An expert is able to help instantly and worldwide. These work processes can also be recorded and stored live on video from the worker's point of view for training purposes.

> Downtime minimization, Reduction of traveling expenses and travel time

Digitale Assistance

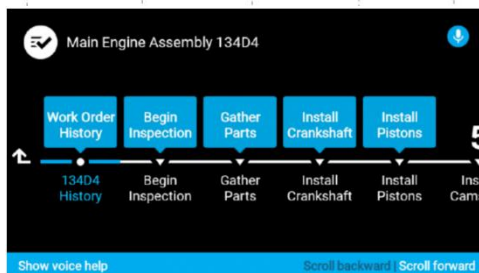
Defined work instructions in the form of documents (PDFs, drawings, pics,...), videos or applications can be retrieved and implemented in a standardized manner. With the help of the integrated "Document Navigator", files can be opened, scrolled through or enlarged by a zoom function. In addition, it is possible to live document with photos and videos as well as voice-driven entry into mobile forms.

> Increase of productivity and effectiveness, minimization of media breaks (paper, display,...)

Industrial Internet of Things/Augmented Reality

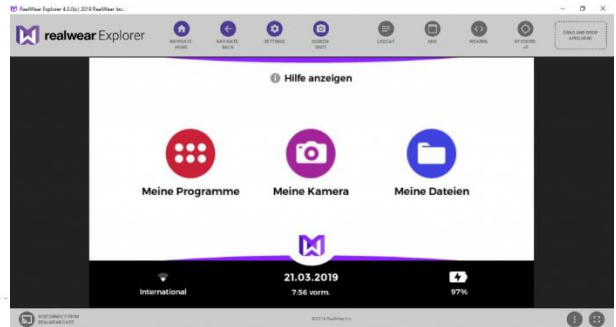
Wi-Fi, Bluetooth, GPS and an integrated barcode scanner in the camera create connectivity at the relevant location. It is also possible to visualize data on the micro display via beacons, augmented markers or QR-/Barcodes. Augmented reality applications are also fully supported. GPS, digital and magnetic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



Technical Data

- Pure voice control via hardware chip: start with and work in Android apps with voice commands only: no typing, no swiping
Languages supported: German, English, Spanish, French, Italian, Portuguese, Russian, Mandarin Chinese, Japanese, Korean, Thai, Polish
The language can be changed using the Action key on the side of the HMT-1, during operation.



- **IP66, MIL-SPEC 810G:** protected against heavy seas or powerful jets of water, drop proof, dust tight, -20 to +50 degrees Celsius
- **4 digital microphones** focus on the person who works with the HMT-1
active **noise cancellation and voice recognition even in 95 dbA**
internal loudspeaker, 3.5 mm audio for external headset
- **Android 8.1 platform**
Chipset: 2.0 GHz 8-core Qualcomm Snapdragon 625, 16GB Flash, 2GB RAM
micro SD Slot for cards up to 256 GB
- Colored WVGA LCD micro **Display**
Resolution 854x480 Pixel
left or right eye compatible, adjust Boom-Arm for all head sizes.
- **16MP Camera:** 5x optical zoom, manual or autofocus, LED light, videos up to 1080p @30fps
- **Location:** GPS, GLONASS, BeiDou, Baidu A-GPS plus 3-axis accelerometer, magnetometer and gyroscope, software enhanced stabilization

- **RealWear-Explorer:** Desktop application for Windows and iOS
If you connect the HMT-1 via MicroUSB with the supplied RealWear Explorer, the Micro Display will be mirrored on your desktop. Thus, the HMT-1 can also be operated by keyboard, mouse and so on..
- **Connectivity:** WiFi, 802.11 a/b/g/n/ac, Bluetooth 2 EDR & 4.1 LE
Micro USB for connection to 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)
- 3250mAh battery, hot swappable
- **380g** including battery, can be combined with safety helmet and glasses



www.realwear.at/en