



realwear

HMT-1

World's first hands-free Android™ tablet class wearable computer for industrial workers.



Free your hands.™

Safer. Faster. Smarter.

The RealWear™ HMT-1™ provides the foundation for Connected Worker programs. Use it in wet, dusty, hot, dangerous and loud industrial environments. A fully rugged head-mounted device, it optionally snaps into safety helmets or attaches to bump caps and can be used with safety glasses or corrective eyewear.

The high-resolution micro display fits just below your line of sight and views like a 7" tablet. It's an industrial dashboard: there when you need it and out of your way when you don't.

The HMT-1 works with powerful software applications from our solution partners in four core categories, each optimized for completely hands-free voice control. That means no scrolling, swiping, or tapping - just simple voice commands. Use it for remote mentor video calling, document navigation, guided workflow, mobile forms and industrial IoT data visualization.



Withstands the toughest conditions.



100% HANDS FREE

Voice based operating system, local speech recognition in loud areas



UNMATCHED NOISE CANCELLATION

Four digital microphones and advanced algorithms



POWERFUL AUDIO

Integrated speaker and 3.5mm audio jack for use with hearing protection



PPE COMPATIBLE

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



FULL SHIFT INTERNAL BATTERY

Field swappable for continuous use



WATERPROOF

IP66 – Protected against heavy seas or powerful jets of water



DUST TIGHT

IP66 – Complete protection against the ingress of micro particles



DROP PROOF

Resistant to 2 meter drops onto concrete from any angle



BUILT RUGGED

Fully operational from -20° C to +50° C
MIL-STD-810G



OUTDOOR DISPLAY

Appears size of 7" tablet
Viewable in bright sunlight

For ATEX Zone 1/FMC1/D1 Intrinsically Safe model contact us at info@whiteoakcapitalgrp.com | <https://whiteoakcapitalgrp.com>

| 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 |
| 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 |
| 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 |
| 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 |