

SPEC SHEET

REALWEAR NAVIGATOR™ 500

The next generation of voice-controlled head mounted wearable solution. The RealWear Navigator™ 500 is modular designed, engineered and optimized for professional industrial applications in the context of Augmented Reality powered remote processes with oculavis SHARE.

Battery life

- 6-8 hours
- Rechargeable, hot-swappable battery can be changed without interruption

Connectivity

- Wi-fi, Bluetooth, connection with mobile devices for LTE access
- Docking option for third-party devices e.g. LTE dongle

Performance

- Android 11
- 4 GB RAM / 64 GB Flash

Camera

- High resolution 48 MP with LED-flashlight
- Optional manual or auto focus

Display

- 854x480 Pixel, corresponds to 7 inch display

Robustness

- IP66 splash/jet-proof, shock-proof, dust-proof
- Operational from -20° C to +50° C

100% hands free

- Local Voice Controlled UI
- Four digital microphones and Integrated speaker with hearing protection
- 100 dBA noise cancellation

Wearability & Safety

- Individually adjustable to head size and distance to eye
- Retractable display to enable both Left and Right eye dominant users
- Light weight at 272g
- Designed to work with standard safety helmets, bump caps and safety glasses

Numerous Accessories

- Work band, carrying case, spare battery, battery wall charger etc.



RealWear-Explorer

Desktop Application for Windows and iOS

The RealWear Explorer mirrors the micro display of the RealWear Navigator™ 500 on the PC. This way, the RealWear Navigator™ 500 can also be operated with a keyboard and mouse. Applications can be easily installed on the smart glasses via drag&drop.

Feature improvements compared to HMT-1

MULTI-CORE PROCESSOR
PERFORMANCE
↑ +35%

RAM
3GB → 4GB

GPU
PERFORMANCE
↑ +118%



MEMORY
32GB → 64GB

CAMERA
16MP → 48MP

WEIGHT
↓ ~1/3

WIDTH
↓ ~1/3

HMT-1



Snapdragon 626 Pro	Processor	Snapdragon 662
3GB RAM	RAM Memory	4GB RAM
32GB Flash Memory	Memory	64GB Flash Memory
16MP Camera	Camera	48MP Camera
20°FOV 854x480	Display	20°FOV 854x480
Warm Swappable	Battery	Hot Swappable
7 inch tablet	Visual display	7 inch tablet
385 gramms	Weight	272 gramms
33 mm	Width	22 mm
95 dBA	Noise cancellation	100 dBA

NAVIGATOR 500

