



RealWear Navigator 500 – Lightweight robustness

- ✓ Automatic noise cancellation and high-resolution camera for reliable communication
- ✓ Voice control for quick navigation of information
- ✓ Extremely resistant to drops, liquids and dust
- ✓ Particularly robust with high wearing comfort
- ✓ Android 11 operating system and over 200 optimised apps

Features

Display: 854 × 480 px display (appears like 7 inch)

Audio: 4 microphones, 94 dB loudspeaker

Voice control: 16 languages

Camera: 48 MP, image stabilisation, LED light

Protection: IP66, dropproof up to 2 metres

Battery: 6 - 8 h, can be changed without interruption

Connectivity: WLAN, Bluetooth

Additional features: GPS, eCompass, 3axis acceleration, gyroscope, fingerprint sensor

Operating system: Android 13

Processor: 2.0 GHz 8core Qualcomm Snapdragon 662

Memory: 64 GB (with additional SD card up to 512 GB), 4GB RAM

Operating temperature: -20 - 50 °C

Weight: 272 g

Optional accessories

Helmet clips

Head straps

LTE / 4G Modem

Chargers

Bags and cases

Thermal Camera

RealWear Navigator 500

General	
Operating System	Android 11 (AOSP) + WearHF™ hands-free interface + Enterprise features
Chipset	2.0 GHz 8-core Qualcomm® Snapdragon™ 662 with Adreno 610 GPU - OpenGL® ES 3.2 & OpenCL™ 2.0
Memory	64GB internal storage / 4GB RAM / MicroSD slot (max card supported 512GB)
Weight	9.59oz / 272g
Ruggedization	IP66, MIL-STD-810H, 6.5 feet / 2-meter drop
Dedicated Buttons	Power button (with integrated fingerprint sensor), Programmable: action button, left button, right button
Ports	1/8" / 3.5mm audio, 1 USB Type-C
Boom Arm	Adjusts six ways for most head sizes, left or right eye compatible, display can be moved out of way when not in use
Operating Temperature, Humidity	-4°F to +122°F / -20°C to +50°C, 5% to 95% relative humidity (non-condensing)
Included Applications	Document Navigator, Camera with Barcode Reader, Audio Recorder, Video Recorder, Webpage Viewer, Cloud Sync, Media Player, Calculator, Pedometer, Timer
Languages & Dialects Supported	Chinese (Cantonese, Mandarin-Simplified and Traditional), Czech, Dutch, English (American, Australian, British), French, German, Indonesian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Thai
Sign-in Options	Companion App, Voice Keyboard with secure mode, Everykey
Connectivity & Sensors	
Bluetooth	Bluetooth® 5.1
Wi-Fi	802.11 a/b/g/n/ac - 2.4 GHz and 5GHz
GPS and Location	<ul style="list-style-type: none">• GPS, Glonass, BeiDou, Galileo, QZSS, and SBAS• NavIC support• Dual-Frequency GNSS (L1 + L5)• Qualcomm® Sensor-Assisted Positioning
IMU - Head Movement Tracking	3 IMUs (including 3-axis accelerometers, gyroscopes, eCompass)
Battery	
Capacity	2,600 mAh / 10.0 Wh Li-polymer, rechargeable, hot-swappable
Security	
Security	Qualcomm® Trusted Execution Environment, Crypto Engine, Secure Boot
Display	
Type	20° field-of-view, 24-bit color LCD, 0.32-inch diagonal, outdoor visible
Resolution	WVGA (854X480)
Audio	
Microphone	4 digital microphones with active noise cancellation Accurate voice recognition in noise up to 100 dBA
Speaker	Internal 94 dBA loudspeaker
Camera	
Image	48 MP Sensor, PDAF with LED flashlight
Video	Up to 1080p @ 60fps, >6X zoom in HD, video stabilization. codecs: VP8, VP9, H.264, H.265 HEVC
Compatibility	
PPE	Works with many hard hats, protective eyewear, masks and more
Warranty	
Warranty	1-Year Warranty
Extended Service & Support Plans	Available
Accessories	
Included	Workband, USB Type-C charging cable
Cloud Services	
Foresight	Accelerates centralized deployment and management of devices

Specifications are subject to change without notice.