

The RealWear Navigator[™] 500 is the leading ruggedized assisted reality solution designed to engage, empower and elevate the modern frontline worker. Connect and collaborate with remote experts, follow digital workflows, visualize IoT data and much more. Safely reduce downtime, improve quality and employee productivity, while realizing significant ROI.

Built for Productivity. Designed for Safety.

Full-Shift, Hands-Free Use

Work comfortably all day and easily hot-swap your battery without losing a minute on the job.

Enhanced Remote Collaboration

Improves productivity, saves travel costs and reduces equipment downtime.

Revolutionary Modular Design

Enables on-the-job agility and adaptability to support even more use cases.

Secure, Seamless Sign-On & Enterprise Deployment

Reduces time and friction to get devices up and running, deployed and managed securely.

Transform Your Frontline



RealWear Navigator[™] 500 Specifications

Operating System Android 11 (AOSP) + WearHF™ hands-free interface + Enterprise features Chipset 2.0 GHz 8-core Qualcomm® Shappdragon™ 662 with Agency 810 GPU - OpenCL™ 5.3.2.8 OpenCL™ 2.0 Melectry Weight 9.5cv270g Rugoscilation Pleas, MLL STD-810H, 6.5 feet / Z-meter drop Deadcarted Buttons Power button (with integrated fingerprist sensor), Programmable: action button, left button, right button Power button (with integrated fingerprist sensor), Programmable: action button, left button, right button Power button (with integrated fingerprist sensor), Programmable: action button, left button, right button Power button (with integrated fingerprist sensor), Programmable: action button, left button, right button Power button (with integrated fingerprist sensor), Programmable: action button, left button, right button Power button (with integrated fingerprist sensor), Programmable: action button, left button, right button Demating Temperature, Humidity -4° 15 to 1927 / 20°C to 5°C°C, 5% to 58% resister burndisty (non-condensing) Included Applications Sync, Meda Player, Calculator, Petionster, Time Languages & Dalects Supported Sync, Meda Player, Calculator, Petionster, Time Languages & Dalects Supported Sync, Meda Player, Calculator, Petionster, Time Languages & Dalects Supported Sync, Meda Player, Calculator, Petionster, Time Languages & Dalects Supported Sync, Meda Player, Calculator, Petionster, Time Languages & Dalects Supported Sync, Meda Player, Calculator, Petionster, Time Languages & Dalects Supported Sync, Meda Player, Calculator, Petionster, Time Languages & Dalects Supported Sync, Meda Player, Calculator, Petionster, Time Languages & Dalects Supported Sync, Meda Player, Calculator, Petionster, Time Bluetooth Bluetooth Bluetooth Bluetooth Silver Blueto		
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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 Baccode Reader, Audio Recorder, Webpage Viewer, Cloud Syne, Media Riepyre Calculator, Fedometer, Time - Languages & Dialects Supported Companion App., Voice Keyboard with secure mode Connectivity & Sensore Bluetooth Bluetooth 5.1 Wi-Fi 802.11 a/h/g/ri/ac - 2.4 GHz and 5GHz 4 GPS and Location View Adjusted Companion App., Voice Keyboard with secure mode GPS and Location View Adjusted Companion App., Voice Keyboard With secure mode GPS and Location View Adjusted Companion App., Voice Keyboard With secure mode GPS and Location View Application View Adjusted Companion App., Voice Keyboard With secure Mode GPS and Location View Adjusted Companion Application Applicat	Memory	64GB internal storage / 4GB RAM / MicroSD slot (max card supported 512GB)
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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 Connectivity & Sensors Biluetooth Biluetooth	Operating Temperature, Humidity	-4°F to +122°F / -20°C to +50°C, 5% to 95% relative humidity (non-condensing)
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Security	Wi-Fi	802.11 a/b/g/n/ac - 2.4 GHz and 5GHz
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 Extended Service & Support Plans Available Accessories Included Workband, USB Type-C charging cable Cloud Services	GPS and Location	 NavIC support Dual-Frequency GNSS (L1 + L5)
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Extended Service & Support Plans Available Accessories Included Workband, USB Type-C charging cable Cloud Services	-	1 Voor Warrenty
Accessories Included Workband, USB Type-C charging cable Cloud Services	•	
Included Workband, USB Type-C charging cable Cloud Services		Available
Cloud Services		Workhand LISR Tyne-C charging cable
		workbaild, ood type-o charging cable
	Foresight	Accelerates centralized deployment and management of devices

Model Name T21G

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