

# Navigator® 520

**BIGGER.SHARPER.BOLDER.**



## Features

- **Rugged Experience Better Viewability**  
Experience a 20% larger screen\* offers bolder, brighter, more accurate color representation.
- **Rugged Design**  
Drop tested, dust tight and water resistant for challenging work environments including extreme heat up to 122°F / 50°C
- **PPE Compatible**  
Works with more PPE than other head-worn devices
- **Revolutionary Modular Design**  
Enables on-the-job agility and adaptability to support even more use cases
- **High-resolution camera**  
Stunning, modular 48MP camera sensor even in low light settings
- **Thermal Camera module (accessories)**
- **Enhanced Remote Collaboration**  
Improves productivity, saves travel costs and reduces equipment downtime
- **Full-shift**  
Work comfortably all day and easily hot-swap your battery without losing a minute on the job

## Specification

<b>General</b>	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	9.7oz/274g
	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	3.5mm Audio Jack, 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
<b>Connectivity &amp; Sensors</b>	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
	Bluetooth	Bluetooth® 5.1
<b>Battery</b>	Wi-Fi	802.11 a/b/g/n/ac - 2.4 GHz and 5GHz
	GPS and Location	<ul style="list-style-type: none"> <li>• GPS, Glonass, BeiDou, Galileo, QZSS, and SBAS</li> <li>• NavIC support</li> <li>• Dual-Frequency GNSS (L1 + L5)</li> <li>• Qualcomm® Sensor-Assisted Positioning</li> </ul>
<b>Security</b>	IMU - Head Movement Tracking	3 IMUs (including 3-axis accelerometers, gyroscopes, eCompass)
	Capacity	2,600 mAh / 10.0 Wh Li-polymer, rechargeable, hot-swappable
<b>Display</b>	Security	Qualcomm® Trusted Execution Environment, Crypto Engine, Secure Boot
	Type	24° field-of-view, 24-bit color LCD, 0.35-inch diagonal, outdoor visible
<b>Audio</b>	Resolution	HD (1280X720)
	Microphone	4 digital microphones with active noise cancellation Accurate voice recognition in noise up to 100 dBA
	Speaker	Internal 94 dBA loudspeaker
<b>Camera</b>	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
<b>Compatibility</b>	PPE	Works with many hard hats, protective eyewear, masks and more
<b>Warranty</b>	Warranty	1 year. For warranty extension services and support plans, please contact sales.
	Extended Service & Support Plans	Available
<b>Accessories</b>	Included	Workband, USB Type-C charging cable
<b>Cloud Services</b>	RealWear Cloud	Accelerates centralized deployment and management of devices (please contact sales)

# BIGGER. SHARPER. BOLDER.



## INTRODUCING REALWEAR NAVIGATOR™ 520 WITH HYPERDISPLAY

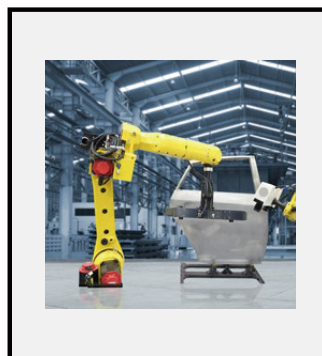
\*THAN REALWEAR NAVIGATOR 500

## INTRODUCING THE **HYPERDISPLAY**



### Bigger

Experience a 20% larger screen\* while maintaining awareness for the best of both worlds.



### Sharper

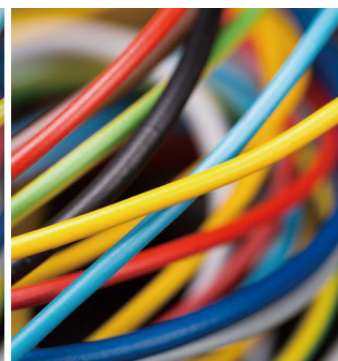
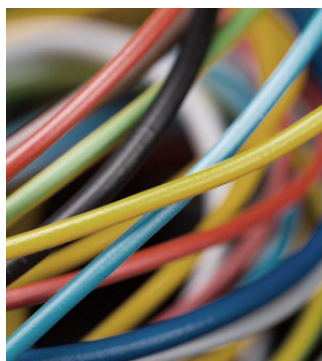
With twice the resolution\*, see text, graphics, and your environment in more detail.



### Bolder

HyperDisplay offers bolder, brighter, more accurate color representation\*.

\*Than RealWear Navigator 500



## **SYSGRATION®**

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