

# Technical Comparison:

## RealWear Arc 3 vs Navigator 520

Category	RealWear Arc 3	Navigator 520
<b>Display</b>	Micro-OLED, 1920x1080, DCI-P3, 22° FOV	LCOS, HD 1280x720, 24° FOV
<b>Weight</b>	175g	274g
<b>Camera</b>	Fixed Double-camera: 48MP PDAF (Sony IMX882), 8MP PDAF wide-angle (OV8856)	Up/Down Adjustable 48MP PDAF camera with LED, up to 1080p@60fps, optional thermal camera accessory
<b>Audio</b>	4 microphones with active noise cancelling internal 85 dBA loudspeaker. <i>Speakers on both ears.</i>	4 microphones with active noise cancelling internal 94 dBA loudspeaker, 3.5 mm audio jack.
<b>Battery</b>	2000mAh, non-hot swappable	2600mAh, hot-swappable
<b>Operating System</b>	Ari OS (Android 13 based)	Ari OS (Android 13 based)
<b>Storage</b>	64GB internal / 4GB RAM	64GB internal / 4GB RAM + MicroSD (up to 512GB)
<b>Connectivity</b>	Wi-Fi 802.11 a/b/g/n/ac, Bluetooth 5.1, future optional cellular accessory	Wi-Fi 802.11 a/b/g/n/ac, Bluetooth 5.1, GPS, GNSS, optional cellular accessory
<b>Sensors</b>	Gyroscope, accelerometer, magnetometer, barometer, ambient light sensor, touchpad, wear detection, awareness sensor	Gyroscope, accelerometer, magnetometer
<b>Compatibility</b>	Prescription/safety glasses, in-ear & over-ear hearing protection, in-ear & over-ear Bluetooth headphones	Helmets, prescription/safety glasses, masks, in-ear hearing protection, Bluetooth & wired in-ear headphones
<b>Ruggedization</b>	IP54, 1-meter drop	IP66, MIL-STD-810H, 2-meter drop
<b>Unique Features</b>	See-through display positioned in front of right eye	Adjustable, non-see-through display, usable on right or left eye