Technical Comparison: RealWear Arc 3 vs Navigator 520

Category	RealWear Arc 3	Navigator 520
Display	Micro-OLED, 1920x1080, DCI-P3, 22° FOV	LCOS, HD 1280x720, 24° FOV
Weight	179g	274g
Camera	Fixed Double-camera: 50MP PDAF (Sony IMX882), 8MP PDAF wide-angle (OV8856)	Up/Down Adjustable 48MP PDAF camera with LED, up to 1080p@60fps, optional thermal camera accessory
Audio	4 microphones with active noise cancelling internal 85 dBA loudspeaker. *Speakers on both ears.*	4 microphones with active noise cancelling internal 94 dBA loudspeaker, 3.5 mm audio jack.
Battery	2000mAh, non-hot swappable	2600mAh, hot-swappable
Operating System	Ari OS (Android 13 based)	Ari OS (Android 13 based)
Storage	64GB internal / 4GB RAM	64GB internal / 4GB RAM + MicroSD (up to 512GB)
Connectivity	Wi-Fi 802.11a/b/g/n/ac, Bluetooth 5.1, future optional cellular accessory	Wi-Fi 802.11a/b/g/n/ac, Bluetooth 5.1, GPS, GNSS, optional cellular accessory
Sensors	Gyroscope, accelerometer, magnetometer, barometer, ambient light sensor, touchpad, wear detection, awareness sensor	Gyroscope, accelerometer, magnetometer
Compatibility	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
Ruggedization	IP54, 1-meter drop	IP66, MIL-STD-810H, 2-meter drop
Unique Features	See-through display positioned in front of right eye	Adjustable, non–see-through display, usable on right or left eye

realwear