



# NEXT GEN IS

## Targeted Product Specifications

<b>Core platform &amp; functions</b>	
Operating System	Android 12 (AOSP) + WearHF™ hands-free interface
Chipset	Qualcomm® QCM6490
Memory	128 GB Internal Storage / 8 GB RAM
Included Applications	Document Navigator, Camera with Barcode Reader, Audio Recorder, Video Recorder, Webpage Viewer, Cloud Sync, Media Player, Calculator, Pedometer, Timer
Languages Supported	Chinese (Cantonese, Mandarin-Simplified and Traditional), Czech, Dutch, English (American, Australian, British, Indian), French, German, Indonesian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Thai
<b>Connectivity &amp; sensors</b>	
Bluetooth	Bluetooth Low Energy 5.2
Wi-Fi	Wi-Fi 6
GPS and Location	GPS, GLONASS, NavIC, BeiDou, Galileo, QZSS, and SBAS
IMU	9-DOF (3-axis accelerometer, magnetometer, and gyroscope), software enhanced stabilization
<b>Battery</b>	
Capacity	2550 mAh Li-Ion; removable and rechargeable (Outside of Zone 1)
Battery Life	Full shift with typical use
<b>Physical characteristics</b>	
Weight	360 g
Ruggedization	Intrinsically Safe, 2 meter drop, IP66, MIL-STD-810H
Dedicated keys	Power key, application specific action key
Ports	3.5mm audio, 1 USB-C for data and charging
Boom arm	Adjusts six ways for all head sizes, left or right eye compatible, display flips out of way when not in use
<b>Display</b>	
Type	24° field-of-view, 24-bit color LCoS, 0.35 inch diagonal, outdoor visible
Resolution	HD (1280x720)
<b>Audio</b>	
Microphones	4 digital microphones with active noise cancellation
Speaker	Accurate voice recognition even in 100 dBA of typical industrial noise
<b>Multimedia</b>	
Camera	48 MP Sensor, PDAF with LED flashlight, modular (removable outside of Zone 1)
Video	Up to 1080p @ 60fps, >6X zoom in HD, video stabilization. codecs: VP8, VP9, H.264, H.265 HEVC
<b>Accessories</b>	
	Includes Intrinsically Safe inline safety box charging cable, Works with most Navigator accessories including mounting solutions, Intrinsically Safe hearing protection, replacement clips, and more. Single Battery Charger and Thermal Camera Charger are planned future accessories. Not all accessories are rated for IS zones.

For more information contact [sales@realwear.com](mailto:sales@realwear.com) or your authorized reseller

All specifications are subject to change.