



RealWear Arc 3 - Smart glasses for maintenance and production



Powerful cameras with three viewing angles

48 MP main camera, wide-angle and down-facing camera for precise documentation



Clear view with colour OLED microdisplay

0.49 inch Full-HD monocular



Intuitive voice control in 15 languages

Four microphones with intelligent noise cancellation for precise voice commands even in the presence of machine noise



Lightweight design for maximum comfort

Barely noticeable at just 175 grams



Android 13 for easy integration and management

Same user interface as the Navigator series, simple and centralised management via MDM platforms is also supported

Features

Display: 0.49 inch, Micro-OLED, colour, 1920 x 1080 px

Cameras: 48 MP main camera, 8 MP wide-angle (120°), down-facing camera

Video: 4K at 30fps, 1080p at 120fps

Audio: 4 microphones with noise cancellation, integrated speakers

Languages: 15 language options, incl. German, English, French, Spanish

Operating system: Android 13 (AOSP)

Connectivity: Wi-Fi technologies, Bluetooth BLE, USB-C

Sensors: Gyroscope, accelerometer, magnetometer, barometer, light, proximity and touchpad

Processor: Qualcomm Snapdragon 662

Memory: 64 GB internal, 4 GB RAM

Protection: IP54, MIL810H, drop-proof up to 2 metres

Operating temperature: -20 to +45 °C

Weight: 175 g

Optional accessories

Charging station

Replacement headbands

Replacement cushions

General	
Operating System	Android 13 (AOSP)
Chipset	Snapdragon 662
Memory	64GB/ 4GB RAM
Weight & Dimensions:	175 grams/ 155 x 68 x 64 mm
Materials	LEXAN™ EXL9330
Model name	A31G
Ports	USB Type-C
Temperature, Humidity	-20°C to 45°C/ Humidity: 10% to 80% (non-condensing)
Languages & Dialects Supported	Chinese (Cantonese, Mandarin-Simplified and Traditional), Czech, Dutch, English (American, Australian, British), French, German, Indonesian, Italian, Japanese, Korean, Polish, Portuguese, Ukrainian, Spanish, Thai
Sign-in Options	Companion App, Voice Keyboard with secure mode, Everykey
Display	
Display Technology	Micro-OLED, Full-Color/ DCI-P3, 95%
Resolution	1920x1080 SPR, 1080p monocular
Screen Size	0.49" diagonal
See Through	Yes
Connectivity & Sensors	
Bluetooth	BLE (Bluetooth Low Energy) and standard Bluetooth
Wi-Fi	802.11 a/b/g/n/ac - 2.4 GHz and 5GHz
Sensors	3-axis gyroscope and a 3-axis accelerometer/ Barometer/ 3-Axis Magnetometer/Ambient light sensor/wear detection sensor/capacitive touchpad
Battery	
Capacity	2000mAh/Lithium-polymer/Rechargeable/3.8V
Security	
Security	Qualcomm® Trusted Execution Environment, Crypto Engine, Secure Boot
Audio	
Microphone Count	4
Technology	Noise reduction and echo cancellation
Speaker	Integrated speakers on both sides
Camera	
Wide-Angle Camera	OmniVision OV8856 – 120° FOV, 8 MP
Main Camera	Sony IMX882 – 82° FOV, 48 MP
Down-Facing Camera	OV02B1B
Video Capabilities	4K at 30fps, 1080p at 120fps
Supported Codecs	h264, hevc, mpeg4-sw, vp8, vp9, vc1, div4/5/6-sw, h263-sw, mpeg2
Accessories	
Included	Headband, USB Type-C cable, paddings, quick start guide
Cloud Services	
Foresight	Accelerates centralized deployment and management of devices
Operating Environment	
Supported Eye Use	Right
Compatible With	Safety and prescription glasses, Hard hat, Peltor headphones