

Almer Arc 2

Technical Specifications

Display

See through
1080p monocular full HD color
micro OLED
16:9 aspect ratio
22° deg diagonal FOV, 0.49 inch diagonal
3000cd/m²
50000 : 1 contrast ratio
DCI-P3, 95% color accuracy

Computational Unit

Qualcomm Snapdragon XR1
4GB RAM
64GB Internal flash memory
Almer OS (Android-based)

Battery

1800 mAh internal battery
Up to 2 hours for remote support calls
Up to 8 hours for workflows and other applications

Connectivity

USB2.0 with type C connector
WiFi 5 (802.11ac)
Compatible with wireless headphones

Camera

25MP AF
4k at 30fps, 1080p at 60fps Codecs: h264, hevc, mpeg4-sw, vp8, vp9, vc1, div4/5/6-sw, h263-sw, mpeg2
Flash light
Privacy light

Audio

Bluetooth and integrated speakers on both sides
Bluetooth and 4 integrated microphones (beam forming and noise suppression)

Inertial Sensors

3 axis gyro
3 axis accelerometer

Controls

3 interactive and programable buttons
Voice control with speech engine
Almer Companion app on Android and iOS

Mounting options

Weight: 179 gramms
Dimensions: 155 x 68 x 64 mm
Replaceable pad and head band
Supported Eye use: Right
Compatible with:

- safety and prescription glasses
- Peltor headphone (the headphones can be worn over the Arc)

Environment

Operating temperature: -10°C to 40°C
Charging temperature: 0°C to 40°C
Operating humidity: 10% to 80% non-condensing
Storage temperature: 10°C to 40°C
Storage humidity: 20% to 60%
Cleaning Process: Wet-Towel
Ingress Protection (IP): 54

Mobile Device Management

Compatibility with Microsoft Intune and Ivanti
