

SMART SERVICE GLASSES

Smart glasses for maintenance and production



We'd be happy to advise you:

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✓ High-performance cameras with 3 viewing angles

48MP main camera, Wide-Angle and Down-Facing camera für precise documentation

✓ Clear View with a Color OLED

0.49-inch Full-HD-monocular

✓ Intuitive voice control in 15 languages

4 microphones with intelligent noise cancellation for precise voice commands, even in noisy machine environments

✓ Lightweight design for maximum comfort

Weighing just 175 grams it is lightweight, easy to wear and adjust

✓ Android 13 for easy integration and management

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

SMART SERVICE GLASSES

Specifications

1

Display:

0,49 inch, Micro-OLED, Colour, 1920 x 1080 px

2

Cameras:

48 MP Main Camera, 8 MP Wide-Angle (120°),
Down-Facing Camera

3

Video:

4K at 30fps, 1080p at 120fps

4

Audio:

4 microphones with noise cancellation,
integrated loudspeakers

5

Languages:

15 Language options, incl. German, English,
French, Spanish

6

Operating system:

Android 13 (AOSP)

7

Connectivity:

WLAN, Bluetooth BLE, USB-C

8

Sensors:

Gyroscope, accelerometer, magnetometer, barometer,
light sensor, proximity sensor and touchpad

9

Processor:

Qualcomm Snapdragon 662

10

Memory:

64 GB internally, 4GB RAM

11

Protection:

IP54, MIL810H, drop-proof up to 2m

12

Operating temperature:

-20 to +45°C

13

Weight:

175 g

Optional Accessories

Charging station

Replacement Headbands

Replacement padding



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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	:	A31 G
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

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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

Operating Environment

Supported Eye Use : Right

Compatible With : Safety and prescription glasses, Hard hat, Peltor headphones

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