IRISTICK

Iristick.G2 Smart Safety Glasses

Smart glasses portfolio built for every professional use case

The Iristick **smart glasses product portfolio** is designed specifically for various professional environments like field services, manufacturing, healthcare and logistics, where safety, comfort, ruggedness and reliability are critical. **Iristick.G2 looks like a normal pair of glasses** and is designed for maximum wearer comfort. **Other products in our portfolio** can be found on our website.

Hands-free guidance (including voice commands)

Wearable remote guidance reduces the time and cost of bringing experts to remote locations. Iristick's **optimized, centrally positioned camera with extended FOV** shows exactly what the operator's sees while communicating hands-free through **audio and visual guidance**. Unlike other mobile solutions, Iristick **allows continuous hands-free remote assistance during a full shift.**

First time right with optimized, central camera and display

Adding visual information has proven to improve work execution and training. Making Iristick ideal for complex logistics, technical services, manufacturing and healthcare services. Operators can walk the shop or production floor with both visual and audio queues without being burdened by additional handheld devices. **Iristick.G2 has an optimized central camera module with a powerful 16MP camera and extended FOV .** The **Iristick.G2 development SDK** is the interface for off-the-shelf or bespoke software, enabling for example: virtual factory acceptance tests, guided logistics, digital field inspections, virtual quality inspections and remote proctoring.

Iristick.G2 6x optical zoom

The unique Iristick.G2 zoom module with its **6x optical zoom lens** is ideal for focusing on important details. **Operators can keep a safe distance while sharing critical information** with remote experts who can analyze the details. Additionally, the **built-in laser, flash LED** and barcode scanner can **detect 3cm barcodes at 1.5 meters distance.**

Long-term and secure investment (iOS/Android™)

Iristick.G2 is a phone-tethered solution and is compatible with both Android and iOS smartphones. This ensures increased processing power, long battery lifetime and standardized app-development. Iristick.G2 is a standard managed edge device that integrates seamlessly with any MDM-system and **follows all corporate IT standards or security requirements.**

Safe and comfortable

For Iristick, wearer safety and comfort is paramount. Thanks to the pocket unit and phone connection, there is **minimal heat dissipation and electromagnetic radiation near the temple**. Iristick.G2 is lightweight while being certified safety glasses. The display is mounted on a patented 3-axis arm providing a **stable image**. It can be pivoted completely out of sight if needed. Adjustable nose pads and flexible temple tips optimize fit. Tinted or prescription lenses can be mounted inside the glasses.

www.iristick.com

PRODUCT SPECIFICATION

IRISTICK.G2   IRISTICK.G2 PRO

		IRISTICK.G2	IRISTICK.G2 PRO
GLASSES			
Weight		78 g	78 g
Width		16,4 cm	16,4 cm
Height		4.5 cm	4.5 cm
Length		20 cm	20 cm
Comfort	Adjustabe nose pads, bendable temple tips and prescription and sunglasses lens compatible	√	√
DISPLAY			
Gyroscope	9-axis sensor (accelerometer, gyroscope, compass)	√	√
Resolution	426 x 240 WQVGA	√	√
Video	Up to 60 FPS	√	√
View	3-axis adjustable display	√	√
Safety	Pivots out of sight for unobstructed view	√	√
INPUT			
Sound	Integrated speaker near right ear	√	√
Microphone	Dual microphones with beamforming optimization	√	√
Earpiece connection	2.5mm audio jack	√	√
Touch	Touchpad for user input	√	√
Voice commands	Multilingual voice commands (ANC up to 90 dB)	-	√
CAMERA			
Imager	16MP 4:3 aspect ratio	√	√
FOV	117˚ diagonal FOV, software tiltable	√	√
Video	1080p/full HD 30FPS	√	√
ZOOM MODULE			
Imager	5MP 4:3 aspect ratio	√	√
FOV	16°	√	√
Video	720p 30FPS	√	√
Zoom	6x optical zoom with liquid lens for fast autofocus	√	√
Barcode scanner	Basic : QR, EAN-13	√	√
Barcode scanner PRO	Advanced: 2D, Aztec, multiple barcodes	-	√
Laser	Class 1 (eye-safe)	√	√
Flash LED	High-power, collimated on scene	√	√
POCKET UNIT			
Power	13,3 Wh	√	√
Autonomy	5h+ at full performance	√	√
Charging	Fully recharged in 1,5 hour, hot-swappable	√	√
Dimensions and weight	7.2cm x 16cm x 1cm / 157g	√	√
Mobile phone requirements	Android 8 or higher, USB Type-C connector iOS iPhone® 8 or higher with iOS 12.0 or higher	√	√
OTHER			
Safety glasses	USA (ANSI-Z87) EU (EN-166S)	√	√
Supplied accessories	- Protective safety case - Pocket unit charger - Coax cable to connect glasses with pocket unit - 2.5 mm earpiece (mono with microphone)	√	√
SDK			
SDK	https://developer.iristick.com/latest	√	√

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