

Iristick.G3 Specifications

Introduction

Iristick G3 Smart Safety Glasses provide fieldworkers with hands-free digital tools for precise data collection and remote guidance. This ensures efficient, safe, and accurate task execution, whether in manufacturing, healthcare, agriculture, and beyond.

These lightweight glasses are built for all-day wear whatever the environment is. The G3 smart glasses utilize the power and performance of your smartphone via USB-C, along with its own image processing with optimized heat dissipation. No heavy batteries, radiation or extra heat around your head.

Easy to deploy and manage by using existing company smartphones, simplifying IT integration. Install and update apps directly through Google Play or the App Store on your smartphone, no extra setup need

The form factor allows all-day wear on a wide variety of heads without needing physical adjustment (two sizes available). The included magnetic prescription insert allows vision correction without losing share-ability.



Iristick.G3

Key Specifications

Plug and Play

Connect to your phone (iOS or Android).
No setup delays, no connection headaches.

Lightweight and Safety Certified

Built for all-day wear in industrial and field environments.

Robust and Reliable

Built to perform in harsh environments. Drop-tested and field-proven for tough conditions.

Smartphone-Powered

Connect via USB-C and leverage today's high-performance smartphones. Upgrading your phone means upgrading your smart glasses. Optionally, use an Iristick wireless powerbank to charge while you work.

Easy to Deploy and Manage

No new device ecosystem to maintain.
Uses existing company smartphones, simplifying IT integration.

App Store Ready

Install and update apps directly through Google Play or the App Store on your smartphone, no glasses setup needed.

Large OLED Display

Clear, high-contrast visuals in all lighting conditions.

Dual Central Cameras

Wide and zoom lenses positioned between the eyes for a true wearer's view.

Prescription-Friendly

Compatible with (included) inserts for personal vision correction without losing shareability.

Heat-Resistant Design

Optimized heat dissipation for use in hot environments.



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Specification	Iristick.G3
Form Factor	Glasses-style, lightweight safety certified eyewear
Weight	95 grams / 3.35 ounces
Display Type	OLED, 640 x 400
Display Features	left- or right-eye (pre-defined) 3 axis-adjustable, pivots out of sight
Brightness	Up to 2000 nits
Central Camera	16MP, 115° H-FOV, 77°V-FOV
Zoom Camera	16MP, 3x optical zoom, 10x digital zoom possible
Video Streaming	Full HD 1080p (central), 1080p @30FPS (zoom)
Barcode Scanning	QR, EAN-13, 2D, 1D, Aztec, etc..
Audio	Dual microphones with beamforming + integrated speaker
Voice Commands	Multilingual support, ANC up to 90 dB
Touchpad	Touchpad on the side of the frame
Battery (Pocket Unit)	No battery necessary, uses power from the connected phone.
Charging Time	No charging time other than the phone's recharge time
Mobile Requirements	Android 8+ or iOS 15+ with USB-C
Certifications	EN 16321 / ANSI Z87 / IP54
Included Accessories	Safety Case, Cleaning cloth, USB-C cable, Prescription Inserts

