

Iristick.H1 Specifications

Introduction

Iristick.H1 Smart Glasses bring hands-free precision and communication to demanding industrial environments. Designed for professionals working in the field, factory, or on-site, the H1 ensures you stay connected, informed, and focused on the task.

The modular headset connects to a compact Pocket Unit via a durable coax cable. From there, your smartphone (iOS or Android) provides all the power and processing. This setup keeps the headset lightweight, cool, and perfectly balanced for all-day comfort, even under safety helmets.

Built to handle tough conditions, the H1 is IP67-rated for dust and water resistance and drop-tested for durability. With dual high-resolution cameras, an adjustable OLED display, and a flexible mounting system, it's ready for any job that demands clarity, mobility, and reliability.



Iristick.H1

Best for

- Harsh industrial environments
- Users already wearing PPE
- Tasks requiring rugged flexibility and dual-camera functionality

Key Specs:

Smartphone-Powered

Connects through the Pocket Unit to your smartphone (iOS or Android), allowing you to benefit from your device's performance while keeping the headset light and cool.

Rugged and Reliable

Engineered for industrial use with an IP67 rating for dust and water resistance. Drop-tested to perform in harsh and unpredictable conditions.

Certified Safety Design

Built as true safety glasses, compliant with EN166 and ANSI Z87 standards, offering both impact protection and professional appearance.

Balanced for All-Day Comfort

Weighing approximately 168g, the headset maintains even weight distribution to reduce fatigue during extended use.

Dual Cameras

Equipped with a 16MP wide camera and a 5MP zoom camera featuring 6x optical and digital zoom for detailed image capture from any distance.

Flexible Mounting Options

Compatible with a wide range of industrial PPE, including helmets, bumpcaps and headbands, for stable and secure operation.

Adjustable OLED Display

Bright, high-contrast display adjustable for use on either the left or right eye, ensuring clear visibility in any lighting environment.



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Specification	Iristick.H1
Form Factor	Head-mounted, modular and rugged
Weight	168 g (glasses only)
Display Type	OLED, 640 x 400
Display Features	left- or right-eye 3 axis-adjustable, pivots out of sight
Brightness	Up to 2000 nits
Central Camera	2x 16MP, 77° H-FOV, 115°V-FOV
Zoom Camera	5MP, 6x optical zoom, laser, LED, flash
Video Streaming	Full HD 1080p (main), 720p @30FPS (zoom)
Barcode Scanning	QR, EAN-13, 2D, Aztec, etc..
Audio	Quad mic array, speaker, 3.5mm audio jack
Voice Commands	Multilingual support, ANC up to 90 dB
Touchpad	Touchpad on side module
Battery (Pocket Unit)	13.3 Wh, swappable, 5h+ runtime
Charging Time	1.5 hours
Mobile Requirements	Android 8+ or iOS 12+ with USB-C or Lightning
Certifications	IP67 (Dust & water resistant)
Included Accessories	Coax cable, earpiece, safety case, charger

