



FALKO 3D medical media visor Wireless, HDMI connection, for Win/macOS

Available

SKU: FK301DV-D3

Categories: FALKO 3D Visors

Description

FALKO 3D Wireless Medical Visor – Innovation and Accuracy for Dentistry and Surgery

The **FALKO 3D Wireless medical visor plug&play** sets a new benchmark in three-dimensional visualisation for dental and surgical environments. MDR-compliant and designed for intensive clinical use, it delivers outstanding image clarity, ergonomic comfort and full operational reliability.

Ergonomic Design for Lasting Comfort

Lightweight, balanced and equipped with a convenient flip-up mechanism, the visor offers long-term comfort even during extended procedures. Customisable adjustments help reduce visual fatigue and support an ideal working posture, ensuring maximum precision and stability throughout each intervention.

Universal Compatibility and Plug-and-Play Connectivity

Featuring a universal HDMI interface and true **plug-and-play** technology, the FALKO 3D Wireless visor connects instantly to 3D microscopes, intraoral scanners, cameras and other medical imaging systems — no setup required. Its stable wireless transmission with zero latency provides smooth, real-time visual feedback and total freedom of movement.

Ideal for Training and Remote Collaboration

Perfect for clinical training, live demonstrations and remote consultations, the system enables real-time annotation and image sharing. This interactive functionality enhances teamwork, improves communication with patients and facilitates accurate decision-making during procedures.



Certified Medical Performance

MDR-compliant device, synonymous with safety and reliability in clinical use.

General Visor Features

- Viewing modes: 2D/3D SBS
- Perceived screen size: 200 inches at a 6-meter distance
- Applications: AR (Augmented Reality), MR (Mixed Reality), ER (Enhanced Reality)
- Weight: 460g

Technical Specifications FALKO 3D medical visor Wireless

- Screen: Micro OLED
- Resolution: 1920x1080x2
- PPI: up to 4496
- PDD: 54
- FOV (Diagonal): 43°
- Screen ratio: 16:9
- Focus: 0--5.0D
- Interpupillary distance: fixed at 63.5 mm
- Adjustable brightness: max 1800 cd/m²
- Contrast: 50000:1
- Audio output: 3.5mm jack
- Refresh rate: 60Hz-90Hz
- Power: 2.5W
- Dimensions: 185x55x46 mm

Wireless Communication System

- Wireless type: WiHD 1.1 – 60 GHz
- Analog signal: uncompressed high definition
- Transmission distance: 5 meters without obstacles
- Supported video resolution: HDMI video support 1080p/720p
- HDCP 1.4, HDMI 1.4B
- Audio format: 7.1ch HBR/PCM up to 192KHz, 5.1 up to 48KHz
- Latency: <5 ms
- Transmitter dimensions: 110x50x30 mm

With a 3-year warranty by Tecnomed Italia.

For further details about FALKO 3D, please [visit the dedicated page](#).

Prof. Fernando Zarone discusses the FALKO 3D System – Watch the video: