



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

Available

SKU: FK301DV-D3

Categories: FALKO system

Description

FALKO 3D medical visor Wireless: Innovation and Precision for Dentistry and Surgery

The FALKO 3D visor is designed for advanced medical applications, offering an optimal experience in both dental and surgical fields. Compliant with MDR standards, it ensures safety and reliability during procedures. Its ergonomic design, featuring a “flip-up” system and customizable adjustments, provides comfort during prolonged operations, reducing visual fatigue and improving posture.

One of its key features is universal compatibility, allowing seamless integration with all HDMI devices, cameras, 3D microscopes, and 3D scanners, enhancing the precision of clinical and surgical procedures.

Ideal for medical training and remote collaboration, FALKO 3D enables real-time image annotation and sharing, optimizing communication between operators and patients. Its stability and zero latency ensure smooth viewing, reducing fatigue and maximizing efficiency in every situation.

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.

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