nVisor MH60-V

Modular Head-Mounted Display

NVIS, inc. collaborated with WorldViz, LLC to offer customers the nVisor MH60-V Head-Mounted Display. It offers users a high-performance video see-through solution for professional Augmented Reality (AR) applications. Digital USB cameras are integrated into each module and precision aligned with the optical axis to ensure proper alignment across the entire IPD (interpupillary distance) range.

For the best performance, the nVisor MH60-V can be purchased through WorldViz with an optional Vizard license. Vizard is a VR authoring tool that provides functionality to control video capture and exposure, or to buffer up to 20 seconds of video for adding temporal delays. Vizard also makes it extremely easy to add interactive 3D content by importing virtually any 3D file format. Use Vizard to stream the data to almost any stereo head mounted display.

PRODUCT SPECIFICATIONS

optical

Focus/convergence	Collimated
Monocular FOV (diagonal)	60°
Eye Relief (mm)	23
Exit Pupil (mm)	9
Total HFOV	44°
Vertical FOV	35°
Geometric Distortion	< 15%
See-through Transmission	Controlled via software

mechanical

Flip-up	Yes
Adjustments	IPD, up-down, fore-aft, and tilt
IPD Range (mm)	53 to 72
Weight (g)	1200

performance

Display Technology	LCOS (reflective)
Resolution	1280x1024
Contrast	100:1
Brightness (fL)	30
Visual Acuity (arc-min/pixel)	2

COMPATIBLE PRODUCTS

Video Control Units

- **Advanced Video Control Unit**
- **Advanced Video Control Unit W/ Battery**

Audio Accessories

- **M-Series Integrated Headphone/Microphone Upgrade**

Motion Trackers

- **InertiaCube 2+**
- **InertiaCube 3**

Eye Trackers

- **Viewpoint Binocular Eyetracker**
- **Viewpoint Eyetracker**

Additional Accessories

- **Reusable Shipping Case**

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