



# nVisor MH60-E

## Modular Head-Mounted Display

The nVisor MH60-E is an alternative configuration of the MH60 display that comes standard with an HGU-84 mount and a 10 meter cable leading from the HMD to the Advanced Video Control Unit, providing users with an additional 5 meters of walking radius . It features the same advanced head-fitting system and intuitive display module adjustment found in other M-Series displays.

Sharing the same optical design as the popular nVisor SX60, it provides the same unsurpassed visual acuity with 1280x1024 24-bit color pixels across a 60 degree field-of-view. Supported flight helmets include the HGU-84 from Gentex and the Mark IV helmet used by the Royal Air Force.

The nVisor MH60 is compatible with advanced VR accessories including industry standard motion trackers, eye trackers, and video see-through capabilities. Specific details of compatible options are available on our website.

### PRODUCT SPECIFICATIONS

#### mechanical

<b>Adjustments</b>	IPD, up-down, fore-aft, and tilt
<b>IPD Range (mm)</b>	53 to 72
<b>Weight (g)</b>	1000 (w/o helmet)

#### performance

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

#### optical

<b>Monocular FOV (diagonal)</b>	60°
<b>Focus/convergence</b>	Collimated
<b>Eye Relief (mm)</b>	23
<b>Exit Pupil (mm)</b>	9
<b>Total HFOV</b>	44°
<b>Vertical FOV</b>	35°
<b>Geometric Distortion</b>	< 15%

### COMPATIBLE PRODUCTS

#### Video Control Units

- **Advanced Video Control Unit For Extended Drive**

#### Motion Trackers

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

#### Eye Trackers

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

