



# nVisor MH60

## Modular Head-Mounted Display

The nVisor MH60 is a helmet mounted version of the new nVisor MX60 modular head-mounted display. 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 ships with mounting hardware for your helmet, and it's designed to attach to individual pilots' helmets. Provisions are made for cable management and counterweight, if desired. For greater versatility when a helmet is not desired or available, the nVisor MH60 ships standard with the new NVIS ergonomic head-fitting system used in all M-series HMDs.

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.

The nVisor MH60 will be available summer 2009 directly from NVIS and through our global network of Authorized NVIS Resellers.

### PRODUCT SPECIFICATIONS

#### optical

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

#### mechanical

<b>Adjustments</b>	IPD, up-down, fore-aft, and tilt
<b>IPD Range (mm)</b>	53 to 72
<b>Weight (g)</b>	800 (w/o helmet)

#### performance

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

### COMPATIBLE PRODUCTS

#### Video Control Units

- **Advanced Stereoscopic Video Control Unit**

#### Optional Accessories

- **Viewpoint Eyetracker**
- **InertiaCube 2+**
- **Viewpoint Binocular Eyetracker**
- **Reusable Shipping Case**
- **VideoVision Integrated Video See-Through**

