



nVisor MH60 for HGU-84

Modular Head-Mounted Display

The nVisor MH60 is a helmet compatible display featuring the compact optical design found in our popular nVisor SX60. It provides the same unsurpassed visual acuity with 1280x1024 24-bit color pixels across a 60 degree field-of-view.

NVIS provides mounting hardware designed to attach the nVisor MH60 to individual pilots' HGU-84 helmets. Provisions are made for cable management and counterweight, if desired. The nVisor MH60 is compatible with industry standard motion trackers including the InterSense IS-900 Sensors and the InertiaCube 2+/3.

The nVisor MH60 is available now directly from NVIS and through our global network of Authorized NVIS Resellers.

PRODUCT SPECIFICATIONS

mechanical

IPD Range (mm)	53 to 72
Weight (g)	800 g (w/o helmet)
Flip-up	Yes
Cable Length (m)	4.5

optical

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

performance

Spatial Resolution (arc-min/pixel)	2
Display Technology	LCOS (reflective)
Pixel Defects / Eye	<= 2
Resolution	1280x1024
Contrast	100:1
Brightness (fL)	30

COMPATIBLE PRODUCTS

Video Control Units

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

Helmet Mounts

- Helmet Mounting Kit For NVisor MH60 W/ HGU-84

Motion Trackers

- InertiaCube 2+
- InertiaCube 3

Additional Accessories

- USB Adapter; InterSense IC2+/3

