



nVisor SX111

Head-Mounted Display

The nVisor SX111 offers users a truly immersive display with a total viewing real estate covering 102° horizontal by 64° vertical, with 111 degrees across the diagonal. Other displays with comparable field-of-view are either overpriced, provide inadequate resolution, or create undesirable tiling artifacts from use of multiple microdisplays. The nVisor MX111 uses a only one microdisplay per eye and can be driven from a single PC source supporting dual DVI or analog video output. Adequate eye relief accommodate users with eyeglasses and a large exit pupil supports eye movement across the expansive field-of-view without vignetting.

The nVisor MX111 is now available directly from NVIS and through our global network of Authorized NVIS Resellers. Please see below for our contact information and our website where you'll find up-to-date product information and pricing.

PRODUCT SPECIFICATIONS

optical

Total HFOV	102
Exit Pupil (mm)	12
Eye Relief (mm)	25
Focus/convergence	infinity
Monocular FOV (diagonal)	90
Vertical FOV	64
Geometric Distortion	< 1%
Overlap	50 degree (66%)

mechanical

IPD Range (mm)	55-73
Weight (g)	1.3 kg

performance

Display Technology	LCOS
Resolution	1280x1024
Contrast	50:1
Brightness (fL)	5
Visual Acuity (arc-min/pixel)	3.6

COMPATIBLE PRODUCTS

Video Control Units

- Advanced Video Control Unit For Wide FOV Displays
- Advanced Video Control Unit W/ Battery For Wide FOV Displays

Audio Accessories

No Audio Accessories.

Motion Trackers

- InertiaCube 2+
- InertiaCube 3

Eye Trackers

- Viewpoint Binocular Eyetracker
- Viewpoint Eyetracker

Additional Accessories

No Additional Accessories.

