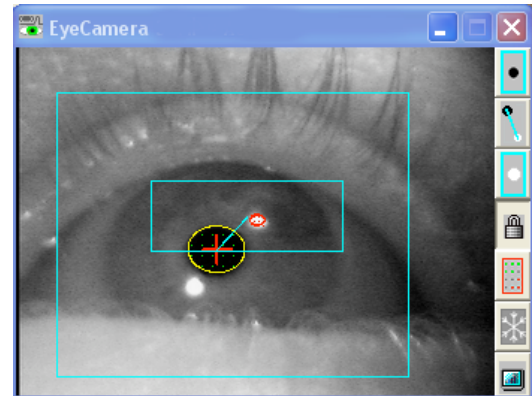




The nVisor SX with Integrated Eye Tracking from Arrington Research, Inc.

- Infrared video, dark pupil tracking
- No reduction of eye-relief
- Automatic Slip compensation
- Easy interface to other applications
- Easy automatic calibration
- 60 Hz or 30 Hz temporal resolution
- Accuracy between 0.25° - 1.0° visual arc



Eye-tracking data provide scientists and developers with valuable information indicating where users are looking within the virtual environment. This information is often used to simplify user interfaces and improve immersive training tools.

The nVisor SX® from NVIS has emerged as the leading high-performance immersive display technology among users of advanced visualization and virtual reality applications. Many of these users have been demanding an integrated solution for precision eye-tracking to facilitate their research and enhance the effectiveness of their applications. In response to this growing requirement, NVIS has teamed with Arrington Research to develop a fully integrated eye-tracked nVisor SX using the ViewPoint EyeTracker®.



Eye Tracking
by



Arrington
Research

The ViewPoint-enabled nVisor SX is a cost-effective solution using tiny lightweight cameras and optics that allows users to view the entire field-of-view without reducing the eye-relief in the nVisor.

For more information, please visit www.nvisinc.com/eyetrack.php.

Specifications

Tracking Method:	Monocular or Binocular. Dark pupil
Measurement Principal:	Pupil only and/or corneal reflection
Accuracy:	0.25° - 1.0° visual arc
Spatial Resolution:	0.15° visual arc
Temporal Resolution:	Selectable 60Hz or 30 Hz
Visual Range:	Full hor. / ver. HMD range
Pupil Size Resolution:	Better than .03mm
System Requirements:	Windows 2000/XP