



Monoscope SX

Handheld Display

The Monoscope SX is an off-the-shelf, configurable, high resolution display solution designed for integration into military trainers and simulators.

The Monoscope SX is housed in a rugged sheet metal housing with a standard tripod mount. Systems can be customized to accommodate different mechanical mounting requirements.

Engineering information is provided to allow customers to perform these modifications themselves, or NVIS engineers can build the Monoscope to individual specifications. An optional eyepiece is available, providing users with a 40° diagonal field of view.

The system can be adapted on a custom basis to simulate practically any monocular optical instrument. Successful implementations include simulated rifle-scopes and a number of vehicle-mounted sighting systems.

Please visit www.nvisinc.com for more information.

PRODUCT SPECIFICATIONS

Optical

Monocular FOV	40° (w/ optional eyepiece)
Overlap	N/A
Brightness	50 fL
Arc Minute Per Pixel	1.5 (w/ optional eyepiece)
Focus	± 4 diopter
See Thru Transmission	N/A

Display

Technology	LCOS Reflective (4DD)
Video Formats	1280x1024 60Hz (analog or DVI)
Color	24 Bit
Stereo	N/A

Mechanical

IPD Adjustment	N/A
Eye Relief	10 mm
Mounting Configurations	Call/Write for information
Weight	450 g
Power Input	AC 100V - 240V
Display Control	Brightness, image orientation

