

Monoscope SX



High-Resolution Monocular Display

- 1280 x 1024 Pixels / Eye
- 24 Bit Color
- Flexible Mounting Options
- Custom Configurations Available



(optional eyepiece shown)

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

Features

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.

Specifications

Optical

Monocular FOV: 40° Diagonal (w/ optional eyepiece)

Focus: 0±4 Diopters (w/ optional eyepiece)

Display

Resolution: 1280 x 1024

Brightness: ~ 50 fL Max (Adjustable)

Contrast: > 200:1

Color Depth: 24 Bit

Technology: Reflective FLCOS

Mechanical

Weight: < 500 g

Mounting: Std. Tripod

Dimensions-

Display: 4.5 x 5 x 15 cm

Interface: 9 x 15 x 21 cm

Requirements

Input: AC100-240V

Consumption: 12 W Max

Video: 60 Hz SXGA DVI or Analog