

802YH 8" Sunlight Readable LCD Display Monitor with HDMI, DVI, VGA & AV Inputs



Description

In a follow up of the 800 series and the 805 series, Xenarc Technologies Corp. added to its 8" line of displays with the introduction of an 8" LED LCD display with a brightness rating of 1,000NIT. The high brightness of this monitor, as well as the ruggedized aluminum casing, makes it ideal for outdoor applications. This **8" inch outdoor display unit** is available with advanced Touch Screen technology as the 802TSH.

This rugged and versatile **8" display product** offers superior readability under direct sunlight. With

our proprietary technology, we are able to increase the brightness rating to 1,000NIT, and the Contrast Ratio to 500:1. Sunlight readability is further enhanced by it's advanced Anti-Reflective coating on the display screen.

The brushed, anodized aluminum face plate gives the **8" inch display monitor** a modern yet elegant look. The entire enclosure is constructed with aluminum, making the unit strong and ruggedized perfect for those harsh industrial factory or outdoor environments.

Why do our **8" display products** outlast others at extreme environments? Why do our **8" inch display solutions** have wider **temperature range** and **wider voltage input range**? It is because our mission is to offer our customers the best in display solutions. By utilizing high grade components, this **8" display monitor** is perfect for industrial, automotive computing applications or any other applications where a small form factor, durable display is required and necessary. Our **8" LCD LED Displays** are designed for applications such as but not limited to:

- **Transportation** - Marine, Air, Heavy Vehicles, Mining, Weigh Stations, Fleet Management, Telematics, In-Car Computing, Public Transit, Cargo
- **System Integration** - Machinery Controls, Factory Automation, Environmental Monitoring, Home Automation, Military, Smart Home
- **Point of Sale** - Hospitality, Digital Signage, Self-Service Kiosks, Outdoor Kiosks and Signage, Casino
- **Data Monitoring** - Cloud, IoT, Medical, Logistics, Inventory Management, Oil & Gas/Utilities, Law Enforcement, Broadcasting, Veterinary, First Person View
- **Broadcast & Production** - Broadcast Stations, Mobile Production Vehicles, Field Rugged Deployment for your mobile workforce, Studio Video Production

Features

- 1000NIT Sunlight Readable with Long Life LED Backlight
- Adjustable LED Backlight for nighttime use
- Anti-Glare Coating
- HDMI Input x 1 (HDCP), VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- DVI Input through included DVI to HDMI Adaptor
- 800x600 Native Resolution, 4x3 Aspect Ratio
- Solid Capacitors for Improved Durability
- High Performance Image and Video Signal Processor
- **AISS** - Advanced Image-Scaling and Shaping
- Last Input and Power Setting Memory
- IR Remote Control
- Auto Power-On upon signal detection
- Mirror and Vertical Image Flip
- Function to Disable Front Button(s) and On Screen Text
- AV2 Auto Switching for Backup Camera
- 360° Copper Monitor Stand or U-Shape Mount
- VESA 75mm Mounting Holes
- 26-Pin Heavy-Duty Connector with Connector Locking

- Ruggedized Aluminum Casing
- Supports 9V DC ~ 36V DC
- "E" Mark Certified for Automotive use
- FCC, CE, E13 Certification
- ROHS, REACH, ECE R118-03 Compliant
- 36 Month/3 Year Warranty
- 30 Day No dead Pixel Guarantee

Function Diagram

8" Sunlight Readable LCD Display Monitor with HDMI, DVI, VGA & AV Inputs

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<http://www.xenarcdirect.com/image.php?type=FD&id=17720>

Package Contents

- Copper Monitor Stand or U-Shape Mount
- AC Adaptor or Cigarette Lighter Car Adaptor or 5M Power Lead
- 1.8 Meter Cable or 5 Meter Cable or 2 Feet Cable with only HDMI or 5 Meter Cable with only HDMI & USB

Specification

- Screen Size: Diagonal 8" (4:3)
- Physical Resolution: 800 (H) x 600 (V) SVGA
- Supported Resolution: 640 x 480 ~ 1600 x 1200
- Dot Resolution: 2400 x 600 = 1,440,000 (dots)
- LCD Brightness: 1,000 cd/m²
- Contrast Ratio: 500:1
- Viewing Angle: 140° Horizontal, 120° Vertical
- Response Time (Tr/Tf): 10/15ms (Typ.)
- Touch Screen Interface: USB port
- Operating Voltage Range: DC 9V ~ 36V
- Power Supply: DC 12V
- Power Consumption: < 14W
- Operating Temperature: -4°F ~ 158°F (-20°C ~ 70°C)
- Storage Temperature: -22°F ~ 176°F (-30°C ~ 80°C)
- MTBF (Mean Time Between Failures): > 55,000 Hours or > 6.2 Years of continuous operation
- Dimension (mm): 228W x 164H x 36D
- Weight (lb): 2.64