805YV 8" LCD Monitor with VGA & AV Inputs

Description

NOTE: This 8" Monitor is now special order only. For something readily available without MOQ, please take a look at this touchscreen monitor 802TSH.

Xenarc Technologies Corp. followed up the success of the 800 series line of **small form factor portable mini industrial displays** with the introduction of the 805 series, an **8" LCD screen with VGA input** utilizing the latest LED Backlight technology.

Don't mistake this 8" industrial monitor display for an ordinary video monitor that displays composite video. This **8" industrial, military, medical and marine-grade display monitor** has 800 x 600

pixels (2400 x 600 sub-pixels) that help display crystal clear texts and ultra-sharp images through your computer's VGA signal. This **8" industrial display unit** is also available with Touch Screen as the 805TSV.

Why do our products outlast others at extreme environments? Why do our products have wider temperature range and wider voltage input range? It is because our mission is to offer our customers the best. By utilizing high grade components such as solid capacitors, this monitor is perfect for industrial, in-car computing applications or any other applications where a small, durable display is required. Our 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

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- 400NIT High Brightness Long Life LED Backlight
- Adjustable LED Backlight for nighttime use
- Anti-Glare Coating
- VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- Audio Input x 3 / Built-In Speaker
- 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
- Heavy Duty Monitor Stand
- VESA 75mm Mounting Holes
- 26-Pin Heavy-Duty Connector with Connector Locking
- Supports 9V DC ~ 36V DC

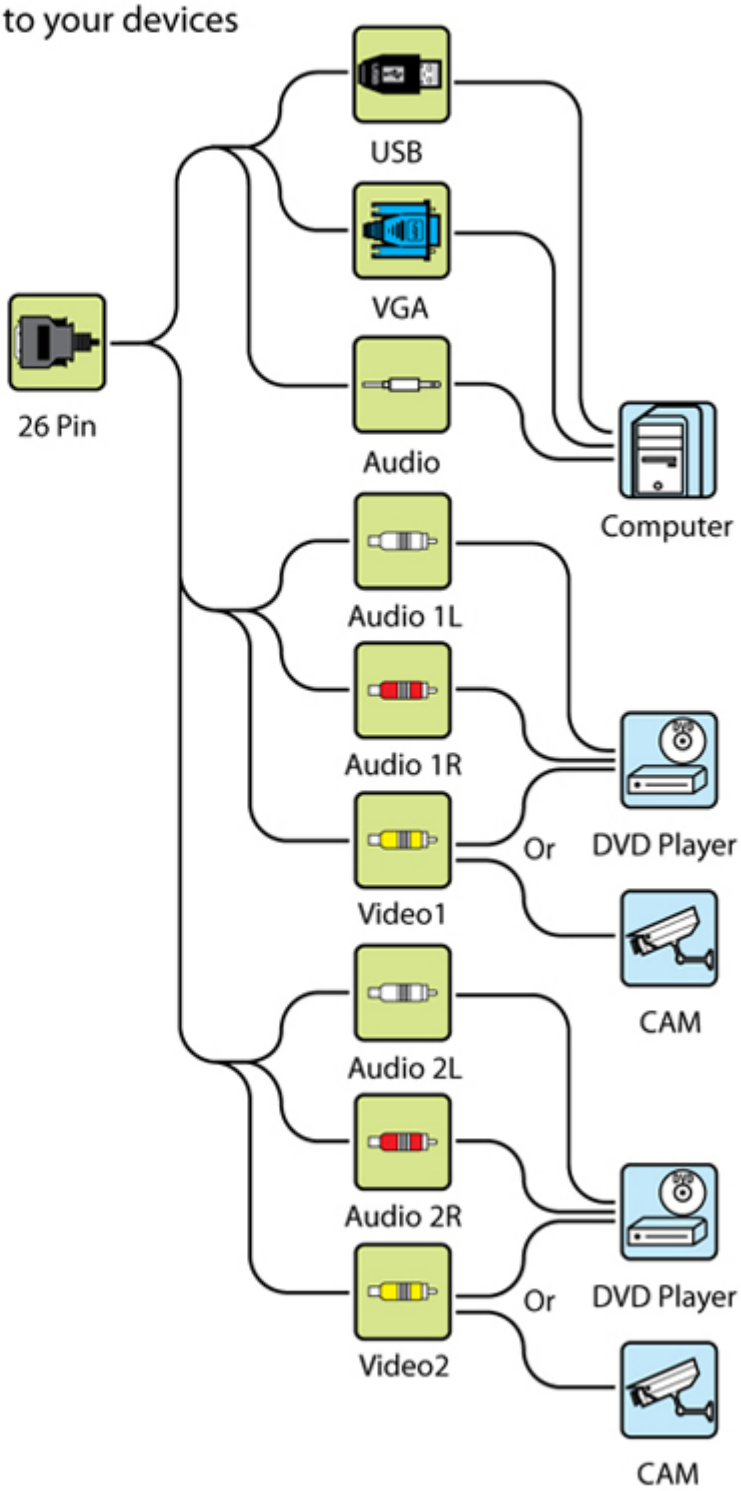
- "E" Mark Certified for Automotive use
- FCC, CE, E13 Certification
- ROHS, REACH, ECE R118-03 Compliant
- 36 Month/3 Year Warranty
- 30 Day No dead Pixel Guarantee

Function Diagram

How does it work?

- Connect the included cable to the Monitor
- Connect the connectors to your devices

[YV SERIES]



XENARC TECHNOLOGIES

Package Contents

- Monitor Stand
- AC Adaptor or Cigarette Lighter Car Adaptor or 5M Power Lead
- 1.8M Connection Cable (5M version available separately)

Specification

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- 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: 400 cd/m²
- Contrast Ratio: 500:1
- Viewing Angle: 140° Horizontal, 120° Vertical
- Response Time (Tr/Tf): 10/15ms (Typ.)
- 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): 200W x 163H x 36.5D
- Weight (lb): 1.81