

702TSV 7" Sunlight Readable Touchscreen LCD Monitor with VGA & AV Inputs



Description

Xenarc Technologies Corp. is one of the first small form factor display manufacturers to introduce a 7" LED LCD touchscreen display monitor with a brightness rating of 1,000NIT. The high brightness of this **7" VGA monitor** makes it ideal for outdoor applications under direct sunlight, as well as any other applications where a bright, non-reflective display may be effective. This 7" VGA touchscreen display monitor has been replaced by the 702CSH.

This popular 7 inch VGA monitor offers superior readability under 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 its advanced Anti-Reflective coating. The 7" vga touchscreen monitor also comes with a detachable aluminum front bezel, suitable for flush installations, that can easily be put back into place. Our 7" VGA 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

Features

- For In-Car Computing, PC, Server, GPS, and various VGA Use
- Sunlight Readable for outdoor applications
- High Brightness, High Contrast LCD Panel
- Anti-Reflective coating
- 5-wire resistive Touch Screen (USB)
- Multi-Monitor Touchscreen Support
- VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- Audio Input / Built-in Speaker
- NTSC / PAL Multi-System
- 16x9 Aspect Ratio
- High Resolution Display
- Auto detects 800x480 resolution
- Upgraded High-Brightness LED Backlight
- Adjustable backlight level for night-time use
- **Pixelworks High Performance Image and Video Signal Processor**
- **AISS** - Advanced Image-Scaling and Shaping
- 16:9 / 4:3 Scaler settings
- Last Input memory
- Last Power setting memory
- IR Remote Control
- Auto power-on upon signal detection
- Automatic display adjustment
- On Screen Display Control
- Mirror Image Flip (VGA and Video Modes)
- Vertical Image Flip (VGA and Video Modes)
- Copper Stand: 360° / Height Adjustment
- 20-Pin heavy-duty connector
- Anti Reflective Coating
- Supports 11V DC ~ 32V DC
- "E" Mark Certified for Automotive use
- FCC, CE, E13 Certification
- ROHS Compliant
- 36 Month/3 Year Warranty
- 30 Day No dead Pixel Guarantee

Function Diagram

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<http://www.xenarc.com/image.php?type=FD&id=17642>

Package Contents

- Copper Monitor Stand
- AC Adaptor or Cigarette Lighter Car Adaptor or 5M Power Lead
- 1.8M Connection Cable
- Stylus

Specification

- Screen Size: Diagonal 7" (16:9)
- Physical Resolution: 800 (H) x 480 (V) WVGA
- Supported Resolution: 640 x 480 ~ 1366 x 768
- Dot Resolution: 2400 x 480 = 1,152,000 (dots)
- LCD Brightness: 1,000 cd/m²
- Contrast Ratio: 400:1
- Viewing Angle: 140° Horizontal, 100° Vertical
- Response Time (Tr/Tf): 12/18ms (Typ.)
- Touch Screen Interface: USB port
- Operating Voltage Range: DC 10V ~ 32V
- Power Supply: DC 12V
- Power Consumption: <10W
- Operating Temperature: 14°F ~ 149°F
- Storage Temperature: -22°F ~ 158°F
- MTBF (Mean Time Between Failures): > 55,000 Hours or > 6.2 Years of continuous operation
- Dimension (mm): 200W x 131H x 35D
- Weight (lb): 1.53