

# 700TSV 7" Touchscreen LCD Monitor with VGA & AV Inputs



## Description

**NOTE:** This 7 inch VGA Touchscreen Monitor has been replaced by the 700TSH.

Xenarc Technologies Corp. was the first to market with the iconic 700 series industrial display video monitors in the competitive 7" VGA display market and the 700TSV was the first 7" LED LCD screen with **VGA Video input** and 7" Touchscreen HMI. And now we have further improved this popular 7 inch **industrial-grade display monitor** by incorporating the latest LED backlight technology and adding an ambient light sensor. In addition, Chip Monolithic Ceramic Capacitors are used in place of Electrolytic Capacitors throughout the 7 inch VGA display monitor to further improve the stability and durability especially in extreme temperature and harsh conditions.

This groundbreaking 7" VGA touch screen display monitor incorporates the innovation of our **VGA 7" models** along with a **5-wire resistive Touch-Screen panel**. Use the convenient touch screen as your input device, control your mouse cursor or the mini on screen keyboard that comes with your operating system. The 7" touch screen utilizes the USB port as the interface. You can connect several 700TSV displays to your computer and the touchscreens would work simultaneously through the multi-monitor support. Our 7" small form factor, mini industrial-grade open frame, rack mount 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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- For In-Car Computing, PC, Server, GPS, and various VGA Use
- High Bright LCD Panel with LED Backlight
- 5-wire resistive Touch Screen (USB)
- Multi-Monitor Touchscreen Support
- VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- Audio Input x 3 / Built-in Speaker
- NTSC / PAL Multi-System
- 16x9 Aspect Ratio
- High Resolution Display
- Auto detects 800x480 resolution
- Upgraded High-Brightness LED Backlight
- Chip Monolithic Ceramic Capacitors for improved durability
- Automatic backlight level adjustment through built-in ambient light sensor
- **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
- Vertical Image Flip
- Function to disable front button(s)
- Function to disable On Screen Text
- AV2 Auto Switching for backup camera
- Copper Stand: 360° / Height Adjustment
- VESA 50mm mounting holes
- 26-Pin heavy-duty connector
- Anti Glare Coating
- Supports 10V DC ~ 30V 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

7" Touchscreen LCD Monitor with VGA & AV Inputs

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<http://www.xenarc.com/image.php?type=FD&id=17657>

# Package Contents

**NOTE: This 7 inch VGA Touchscreen Monitor has been replaced by the 700TSH.**

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

# Specification

**NOTE: This 7 inch VGA Touchscreen Monitor has been replaced by the 700TSH.**

- Screen Size: Diagonal 7" (16:9)
- Physical Resolution: 800 (H) x 480 (V) WVGA
- Supported Resolution: 640 x 480 ~ 1600 x 1200
- Dot Resolution: 2400 x 480 = 1,152,000 (dots)
- LCD Brightness: 500 cd/m<sup>2</sup>
- Contrast Ratio: 400:1
- Viewing Angle: 140° Horizontal, 120° Vertical
- Response Time (Tr/Tf): 10/15ms (Typ.)
- Touch Screen Interface: USB port
- Operating Voltage Range: DC 10V ~ 30V
- Power Supply: DC 12V
- Power Consumption: < 10W
- 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): 196W x 121.5H x 35D
- Weight (lb): 1.54