

1020TSV 10.1" Touchscreen LCD Monitor with VGA & AV Inputs



Description

NOTE: This 10.1" touch screen display has been replaced by the 1020TSH.

Xenarc Technologies Corp. was one of the first small form factor **industrial monitor display manufacturers** to introduce a **10" Touch screen LED LCD Display** with **VGA input** and an advanced **touch panel** and now we have further improved this popular model by incorporating the latest LED backlight technology. In addition, Solid Capacitors are used in place of Electrolytic Capacitors throughout the display unit to further improve the stability and durability especially in extreme temperature conditions.

This ruggedized and versatile **10.1" touch screen display monitor** product incorporates the innovation of our VGA 10.1" display model along with a 5-wire resistive Touch Screen panel. Use the convenient touch-screen as your input device, and control your mouse cursor or the mini on screen keyboard that comes with your operating system. The **10.1" touch screen** utilizes the USB port as the interface. You can connect several of our **10" touch screen displays** to your computer and the touchscreens will work simultaneously through the multi-monitor support.

The brushed, anodized aluminum face plate gives the 10" monitor a futuristic yet elegant look. The entire enclosure is constructed with aluminum, making the **10" display** unit both strong and light weight and the thin profile (only 1.19") makes the display very space saving. Our 10" touch screen 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
- Automatic Backlight Adjustment through Built-in Ambient Light Sensor
- 5-Wire Resistive Touchscreen
- Anti-Glare Coating
- Multi-Monitor Touchscreen Support
- VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- Audio Input x 3 / Built-In Speakers
- 1024x600 Native Resolution, 16x9 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 Compliant
- 36 Month/3 Year Warranty
- 30 Day No dead Pixel Guarantee

Function Diagram

How does it work?

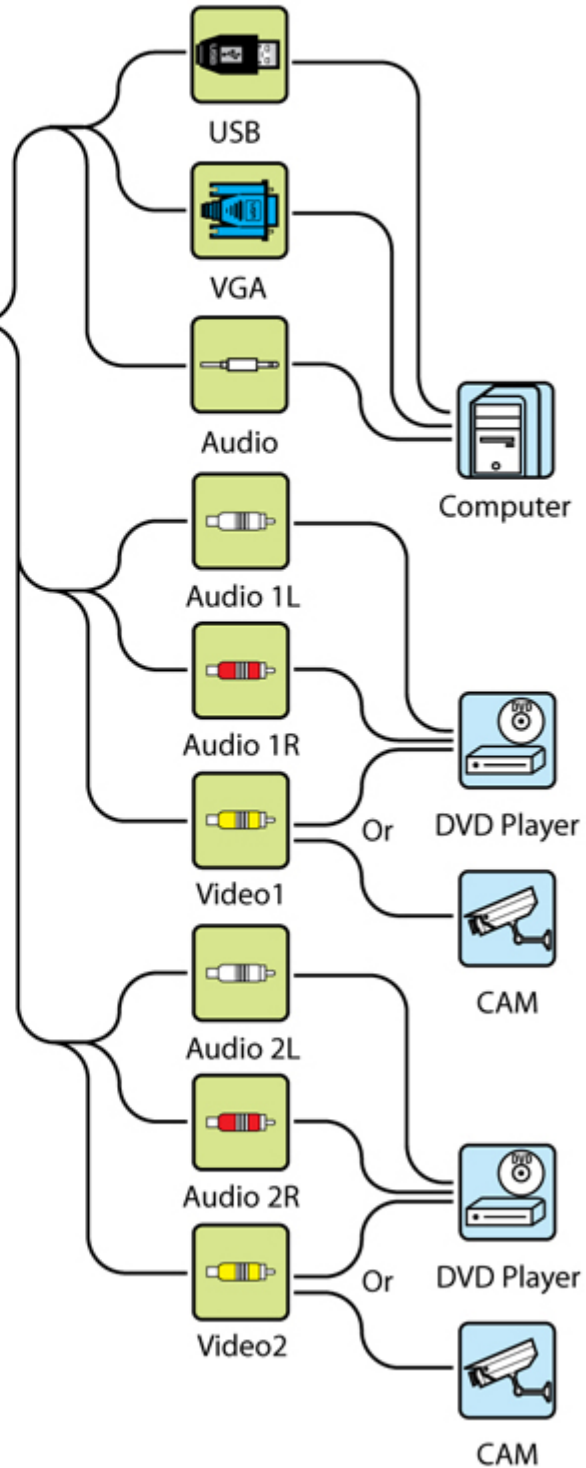
- Connect the included cable to the Monitor
- Connect the connectors to your devices
- Install Touch Screen Driver



[TSV SERIES]



26 Pin



Package Contents

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- Copper Monitor Stand or U-Shape Mount
- AC Adaptor or Cigarette Lighter Car Adaptor or 5M Power Lead
- 1.8M Connection Cable (5M version available separately)
- Optional Stylus

Specification

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- Screen Size: Diagonal 10.1" (16:9)
- Physical Resolution: 1024 (H) x 600 (V) WXGA
- Supported Resolution: 640 x 480 ~ 1920 x 1080
- Dot Resolution: 3072 x 600 = 1,843,200 (dots)
- Brightness: 400 cd/m²
- Contrast Ratio: 600:1
- Viewing Angle: 140° Horizontal, 120° Vertical
- Response Time (Tr/Tf): 5/20ms (Typ.)
- Touch Screen Interface: USB port
- Operating Voltage Range: DC 9V ~ 36V
- Power Supply: DC 12V
- Power Consumption: ? 20W
- 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): 265W x 186H x 33.2D
- Weight (lb): 3.3