

# 1020TSV 10.1" Touchscreen LED LCD Monitor w/ VGA & AV Inputs



## Description

Xenarc Technologies Corp. was one of the first display manufacturers to introduce a 10.1" LED LCD screen with VGA input and Touchscreen 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 unit to further improve the stability and durability especially in extreme temperature conditions.

This ruggedized and versatile product incorporates the innovation of our VGA 10.1" 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 touch screen utilizes the USB port as the interface. You can connect several of our touchscreen displays to your computer and the touchscreens would work simultaneously through the multi-monitor support.

The brushed, anodized aluminum face plate gives the monitor a futuristic yet elegant look. The entire enclosure is constructed with aluminum, making the unit both strong and light weight and the thin profile (only 1.19") makes the display very space saving.

## Features

- For In-Car Computing, PC, Server, GPS, and various VGA Use

- 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 Speakers
- NTSC / PAL Multi-System
- 16x9 Aspect Ratio
- Upgraded High-Brightness LED Backlight
- Ultra High Resolution - 1024 x 600 Native
- Solid 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
- 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
- Desktop Stand: 360° Adjustment
- U-Shape mounting bracket
- VESA 75mm mounting holes
- 26-Pin heavy-duty connector
- Anti Glare Coating
- Brushed, anodized aluminum face plate
- Aluminum Casing
- Supports 10V DC ~ 30V DC
- "E" Mark Certified for Automotive use

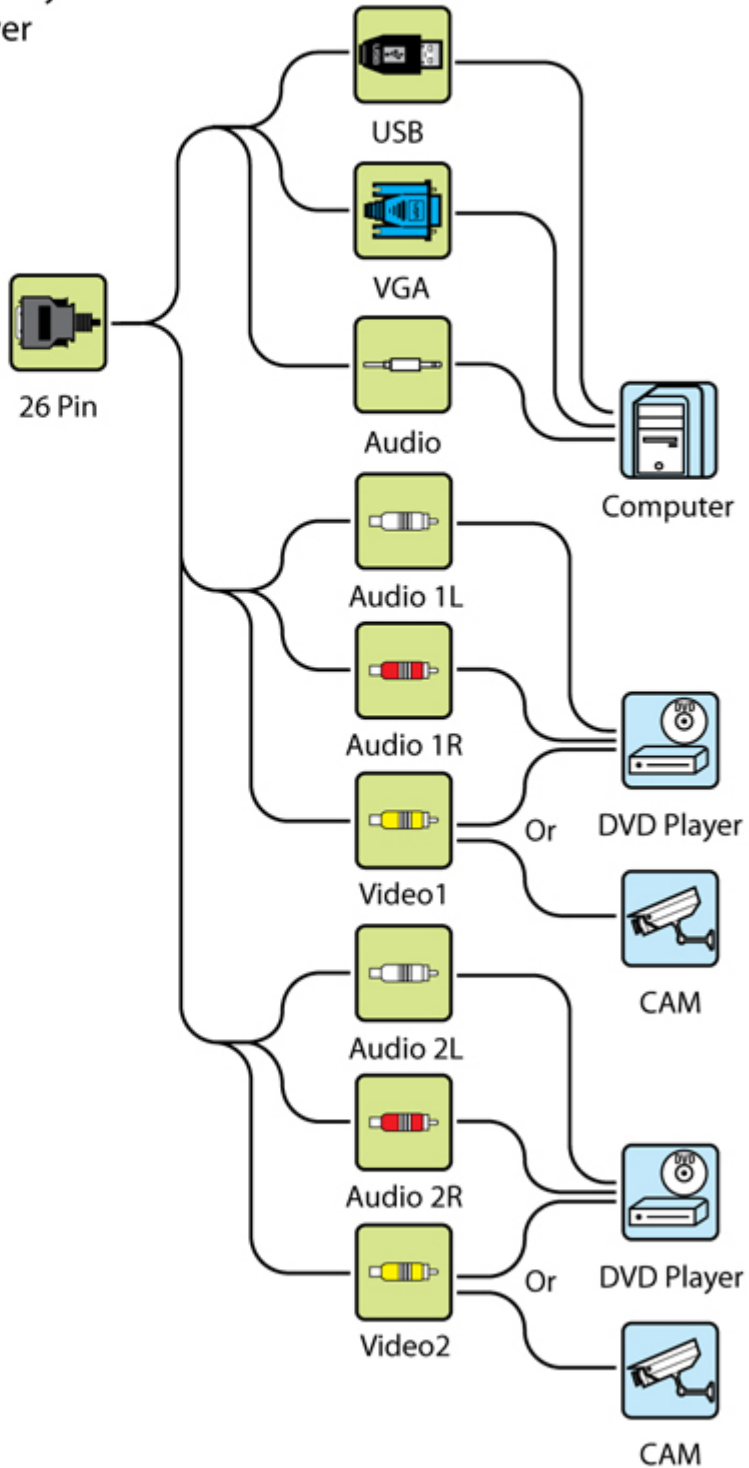
## Function Diagram

# How does it work?

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



[ TSV SERIES ]



# Package Contents

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

# Specification

- 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/m<sup>2</sup>
- Contrast Ratio: 500:1
- Viewing Angle: 140° Horizontal, 110° Vertical
- Response Time (Tr/Tf): 5/20ms (Typ.)
- Touch Screen Interface: USB port
- Operating Voltage Range: DC 10V ~ 30V
- 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)
- Dimension (mm): 265W x 186H x 33.2D
- Weight (lb): 3.3
- FCC, CE, E13 Certification
- ROHS Compliant
- 24 Month Warranty
- 30 days No dead Pixel Guarantee