

# 902TSH 9" Sunlight Readable Touchscreen LCD Monitor with HDMI, DVI, VGA & AV Inputs



## Description

**NOTE:** This 9" Touchscreen has been replaced by the 892GFC.

Xenarc Technologies Corp. fills in the gaps in its high brightness small form factor rugged, heavy duty **touchscreen display** line with a **9" LCD touchscreen** monitor with a brightness rating of 1,000NITs and comes with HDMI, VGA, DVI video signal inputs. The high brightness of this 9" touchscreen monitor display makes it ideal for outdoor applications under direct sunlight, as well as any other applications where a bright, non-reflective display is necessary.

This **9" touchscreen** is Xenarc Technologies' first product in the 9 inch touch panel category, and offers superior readability and visibility under direct sunlight. With our proprietary technology, we are able to increase the brightness rating to 1,000NITs, and the Contrast Ratio to 500:1. We further enhance sunlight readability with an advanced Anti-Reflective coating.

This lightweight, durable **9" screen display** offers unparalleled versatility and functionality in an ultra thin profile. Use the convenient 9" touch-screen panel as your input device, or control your mouse cursor or the mini on screen keyboard that comes with your operating system. The 9 inch touch screen utilizes the USB port as the interface. For video, this display can accommodate **HDMI, VGA, DVI or composite video** making it usable and compatible in almost any application. You can connect several of our **9" touchscreen monitors** to your computer and the touchscreens would work simultaneously through the mutli-monitor support.

Why do our 9" touchscreen products outlast others in extreme conditions? Why do our 9" display monitors have a wider temperature range and a wider voltage input range? It is because our mission

is to offer Integration engineers, automators and integrators the best 9" display products for any situation. By utilizing high grade components, this 9" display is perfect for industrial, in-car computing applications or any other applications where a small, durable, light weight, high brightness 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

**NOTE: This 9" Touchscreen has been replaced by the 892GFC.**

- 1,000NIT Sunlight Readable with Long Life LED Backlight
- Automatic Backlight Adjustment through Built-in Ambient Light Sensor
- 5-Wire Resistive Touchscreen (USB)
- Anti-Reflective Coating
- Multi-Monitor Touchscreen Support
- HDMI Input x 1 (HDCP), VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- DVI Input through included DVI to HDMI Adaptor
- Audio Input x 3 / Built-In Speaker
- 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
- VESA 75mm Mounting Holes
- 26-Pin Heavy-Duty Connector with Connector Locking
- 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

9" Sunlight Readable Touchscreen LCD Monitor with HDMI, DVI, VGA & AV Inputs

Image not found

<http://www.xenarc.com/image.php?type=FD&id=17707>

## Package Contents

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

## Specification

**NOTE: This 9" Touchscreen has been replaced by the 892GFC.**

- Screen Size: Diagonal 9" (16:9)
- Physical Resolution: 1024 (H) x 600 (V) WVGA
- Supported PC Resolution: 640 x 480 ~ 1920 x 1080
- Supported HDMI video Signal: 480i, 480p, 720i, 720p, 1080i, 1080p
- Dot Resolution: 3072 x 600 = 1,843,200 (dots)
- Brightness: 1000 cd/m<sup>2</sup>
- Contrast Ratio: 500:1
- Viewing Angle: 140° Horizontal, 120° Vertical
- Response Time (Tr/Tf): 25ms (Typ.)
- Touch Screen Interface: USB port
- Operating Voltage Range: DC 11V ~ 32V
- Power Supply: DC 12V
- Power Consumption: < 11.5W
- 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): 224W x 150H x 32D
- Weight (lb): 1.30