

# 702CSH 7" Sunlight Readable Capacitive Touchscreen LED LCD Monitor w/ HDMI, DVI, VGA & AV Inputs



## Description

Xenarc Technologies Corp. extended the versatility of its iconic 700 series line of displays with the introduction of a Sunlight Readable 7" LED LCD screen with HDMI input and Capacitive Touchscreen. The unit uses the latest 7" LCD Panel with a 1024x600 native resolution while incorporating our latest LED backlight technology for a brightness rating of 1,000NIT and an ambient light sensor which dims the backlight automatically when required. The high brightness of this 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 latest product in the 7" line 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 700:1. Sunlight readability is further enhanced by its advanced Anti-Reflective coating. In addition, Chip Monolithic Ceramic Capacitors are used throughout the unit for improved stability and durability especially in extreme temperature conditions.

This versatile product incorporates the innovation of our HDMI 7" models along with a Capacitive Touch-Screen panel. Capacitive sensing provides a more responsive touch interface than resistive touch. It achieves this by using the capacitance of human skin to detect the proximity or position of the input. Proximity sensing allows the touch interface to work even if protective glass or coating is used over the display. 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 touch screen

utilizes the USB port as the interface. You can connect several 702CSH monitors to your computer and the touchscreens would work simultaneously through the multi-monitor support.

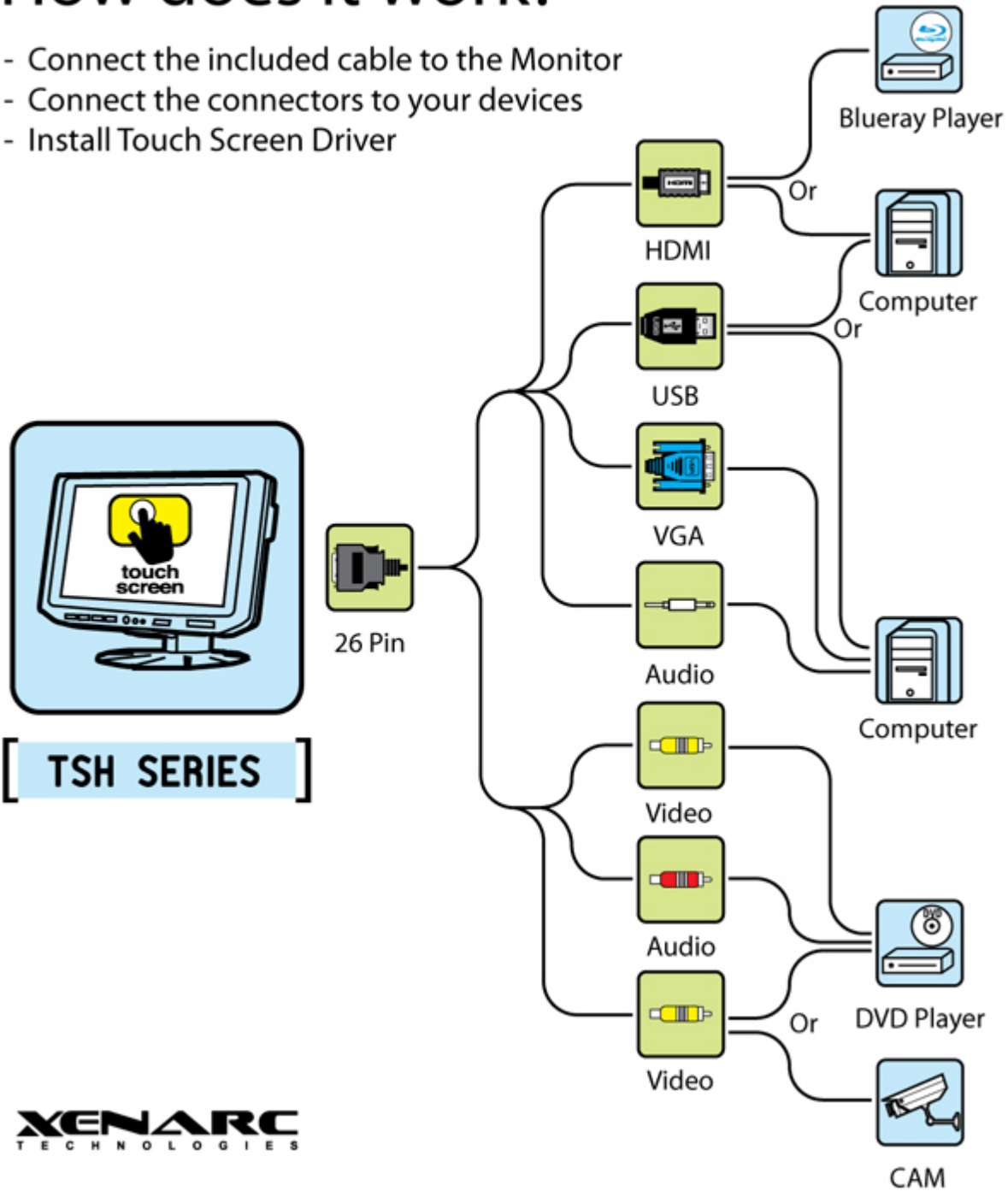
## Features

- For In-Car Computing, PC, Server, GPS, and various VGA, HDMI, and DVI Use
- High Bright LCD Panel with LED Backlight
- Projected Capacitive Touch Screen (USB)
- Multi-Monitor Touchscreen Support
- HDMI Input x 1, VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- DVI Input through included DVI to HDMI adaptor
- Supports HDCP
- Audio Input x 3 / Built-in Speaker
- NTSC / PAL Multi-System
- 16x9 Aspect Ratio
- High Resolution Display
- Auto detects 1024x600 resolution
- Upgraded High-Brightness LED Backlight
- Chip Monolithic Ceramic Capacitors for improved durability
- Automatic backlight level adjustment through built-in ambient light sensor
- 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 Reflective Coating
- 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



**XENARC**  
TECHNOLOGIES

## Package Contents

- Copper Monitor Stand

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

## Specification

- Screen Size: Diagonal 7" (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 480 = 1,474,560 (dots)
- Brightness: 1,000 cd/m<sup>2</sup>
- Contrast Ratio: 700:1
- Viewing Angle: 150° Horizontal, 145° 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)
- Dimension (mm): 196W x 121.5H x 35D
- Weight (lb): 1.54
- FCC, CE, E13 Certification
- ROHS Compliant
- Supports HDCP
- 24 Month Warranty
- 30 days No dead Pixel Guarantee