

# 700YH 7" Small LCD Display Monitor with HDMI, DVI, VGA & AV Inputs



## Description

Xenarc Technologies Corp. continues its leadership position in the small monitor 7" display market with the introduction of a small 7" LCD screen display monitor with **HDMI video** input. The industrial-grade, military, marine and medical-grade rugged small **7 inch display monitor** unit incorporates our latest LED backlight technology for increased brightness and has an ambient light sensor which dims the backlight automatically when required. In addition, Chip Monolithic Ceramic Capacitors are used throughout the 7" HDMI, VGA, DVI display monitor for improved stability and durability especially in extreme temperature conditions such as harsh factory industrial environments. This 7 inch small monitor is available with a Touch Screen as the 700TSH.

Don't mistake this small portable 7" inch HDMI display unit for an ordinary video monitor. This 7" small monitor has 1024 x 600 pixels (3072 x 600 sub-pixels) that help display crystal clear text and ultra-sharp images through your computer's **VGA, DVI, or HDMI ports** or your Blu-Ray player's **HDMI video signal**.

The **small 7" inch monitor display solutions** manufactured by Xenarc Technologies 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

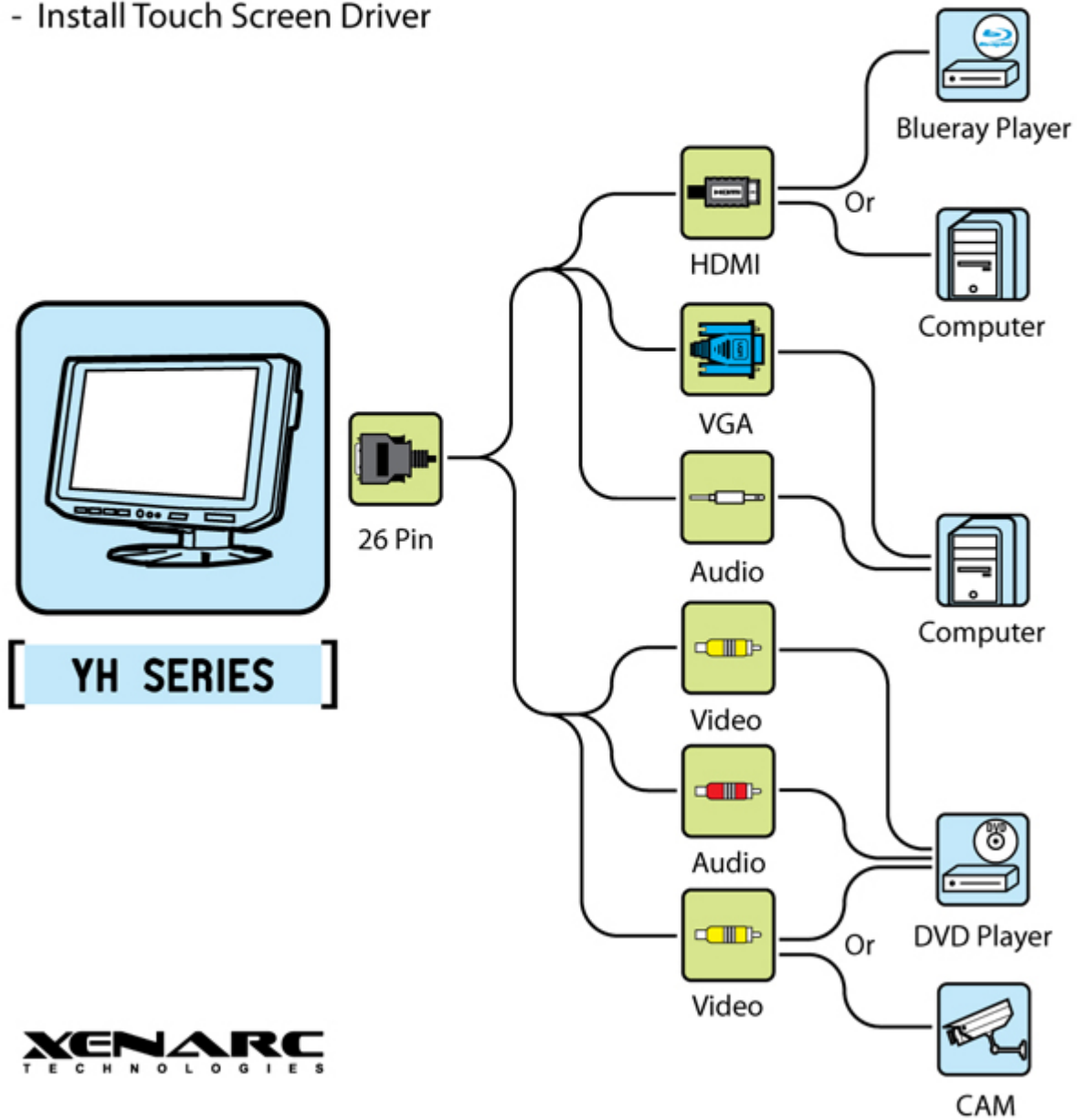
## Features

- 600NIT High Brightness Long Life LED Backlight
- Automatic Backlight Adjustment through Built-in Ambient Light Sensor
- Anti-Glare Coating
- **HDMI video Input** x 1 (HDCP), VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- **DVI video Input** through included DVI to HDMI Adaptor
- **Audio video 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 50mm Mounting Holes
- 26-Pin Heavy-Duty Connector with Connector Locking
- Supports 10V DC ~ 35V 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



Package Contents

- Copper Monitor Stand
- AC Adaptor or Cigarette Lighter Car Adaptor or 5M Power Lead
- 1.8 Meter Cable or 5 Meter Cable or 2 Feet Cable with only HDMI

## Specification

- Screen Size: Diagonal 7" (16:9)
- Physical Resolution: 1024 (H) x 600 (V) WXGA
- 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: 600 cd/m<sup>2</sup>
- Contrast Ratio: 700:1
- Viewing Angle: 150° Horizontal, 145° Vertical
- Response Time (Tr/Tf): 10/15ms (Typ.)
- Operating Voltage Range: DC 10V ~ 35V
- 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