

# 705YV 7" LCD Small Display Monitor with VGA & AV Inputs



## Description

**Xenarc Technologies** Corp. introduced the 705 series as a 7" portable mini **small monitor** that utilizes a LED backlight system, yet at a competitive price point. The result is a **7" inch VGA small monitor** with less power consumption and a thinner profile, and a lower price than the flagship 700 series. This 7 inch VGA display monitor is available with a 7" Touch Screen as the 705TSV.

Don't mistake this **7 inch VGA small monitor** for an ordinary video display monitor that displays composite video. This 7" VGA small monitor has 800 x 480 pixels (2400 x 480 sub-pixels) that help

display crystal clear text and ultra-sharp images through your computer's VGA video signal. Our 7" VGA display monitors 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

- 500NIT High Brightness Long Life LED Backlight
- Adjustable LED Backlight for nighttime use
- Anti-Glare Coating
- VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- Audio Input x 3 / Built-In Speaker
- 800x480 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
- 26-Pin Heavy-Duty Connector with Connector Locking
- Supports 9V DC ~ 30V DC
- "E" Mark Certified for Automotive use
- FCC, CE, E13 Certification
- ROHS, REACH, ECE R118-03 Compliant
- 36 Month/3 Year Warranty
- 30 Day No dead Pixel Guarantee

## Function Diagram

7" LCD Small Display Monitor with VGA & AV Inputs

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<http://www.xenarc.com/image.php?type=FD&id=17659>

## Package Contents

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

## Specification

- Screen Size: Diagonal 7" (16:9)
- Physical Resolution: 800 (H) x 480 (V) WVGA
- Supported Resolution: 640 x 480 ~ 1280 x 1024
- Dot Resolution: 2400 x 480 = 1,152,000 (dots)
- LCD Brightness: 500 cd/m<sup>2</sup>
- Contrast Ratio: 400:1
- Viewing Angle: 140° Horizontal, 120° Vertical
- Response Time (Tr/Tf): 10/15ms (Typ.)
- Operating Voltage Range: DC 9V ~ 30V
- Power Supply: DC 12V
- Power Consumption: <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): 193.97W x 123.97H x 30.5D
- Weight (lb): 1.12