

# 703YP 7" Sunlight Readable LCD Small Monitor with HDMI & Displayport Inputs



## Description

Xenarc Technologies Corp. continued its leadership in the **small form factor display** field with the introduction of a **7" LED LCD screen with DisplayPort and HDMI inputs**. By utilizing an **7" LCD panel** with a native resolution of 1024x600, this **7" HDMI Displayport Display Monitor** is the highest resolution **7" LCD display** on the market. This **7" Display Monitor** unit incorporates our latest LED backlight technology for a brightness rating of 1,000NIT for excellent direct sunlight readability. In addition, Solid Capacitors are used throughout the unit for improved stability and durability especially in extreme temperature conditions. The **7" Display Monitor** unit is available with Touch Screen as the 703TSP. Our Industrial **small 7" Monitor** 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

- 1,000NIT Sunlight Readable with Long Life LED Backlight
- Adjustable LED Backlight for nighttime use
- Anti-Reflective Coating
- Multi-Monitor Touchscreen Support
- DisplayPort Input x 1, HDMI Input x 1 (HDCP)
- 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
- 360° Copper Monitor Stand
- VESA 50mm Mounting Holes
- Supports 10V 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

# Package Contents

- Copper monitor stand
- AC Adaptor or Cigarette Lighter Car Adaptor or 5M Power Lead
- HDMI Cable
- DisplayPort Cable

# Specification

- Screen Size: Diagonal 7" (16:9)
- Physical Resolution: 1024 (H) x 600 (V) WXGA
- Supported PC Resolution: 640 x 480 ~ 2048 x 1536
- Supported HDMI video Signal: 480i, 480p, 720i, 720p, 1080i, 1080p
- Dot Resolution: 3072 x 600 = 1,843,200 (dots)
- LCD Brightness: 1,000 cd/m<sup>2</sup>
- Contrast Ratio: 400:1

- Viewing Angle: 140° Horizontal, 120° Vertical
- Response Time (Tr/Tf): 10/10ms (Typ.)
- Operating Voltage Range: DC 10V ~ 32V
- Power Supply: DC 12V
- Power Consumption: < 9W
- 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 (in): 7.72W x 4.88H x 1.42D
- Weight (lb): 0.97