

1020YV 10.1" LCD Monitor with VGA & AV Inputs



Description

NOTE: This product has been replaced by the 1020YH.

Xenarc Technologies Corp. was the first to introduce a **10.1" monitor with VGA input**, and now we have further improved this popular model by incorporating the latest LED backlight technology. In addition, Solid Capacitors are used in place of Electrolytic Capacitors throughout the unit to further improve the stability and durability especially in extreme temperature conditions.

Don't mistake this **small monitor 10.1"** display for an ordinary video monitor that displays composite video. This **10.1" 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 signal.

The brushed, anodized aluminum face plate gives the display a futuristic yet elegant look. The entire enclosure is constructed with aluminum, making the **10.1" LCD Monitor** both strong and light weight and the thin profile (only 1.19") makes the display very space saving. 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

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- 400NIT High Brightness Long Life LED Backlight
- Automatic Backlight Adjustment through Built-in Ambient Light Sensor
- Anti-Glare Coating
- VGA Input (15 pin D-SUB) x 1 & Video Input x 2
- Audio Input x 3 / Built-In Speakers
- 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 or U-Shape Mount
- VESA 75mm Mounting Holes
- 26-Pin Heavy-Duty Connector with Connector Locking
- Ruggedized Aluminum Casing
- Supports 9V DC ~ 36V DC
- "E" Mark Certified for Automotive use
- FCC, CE, E13 Certification
- ROHS Compliant
- 36 Month/3 Year Warranty
- 30 Day No dead Pixel Guarantee

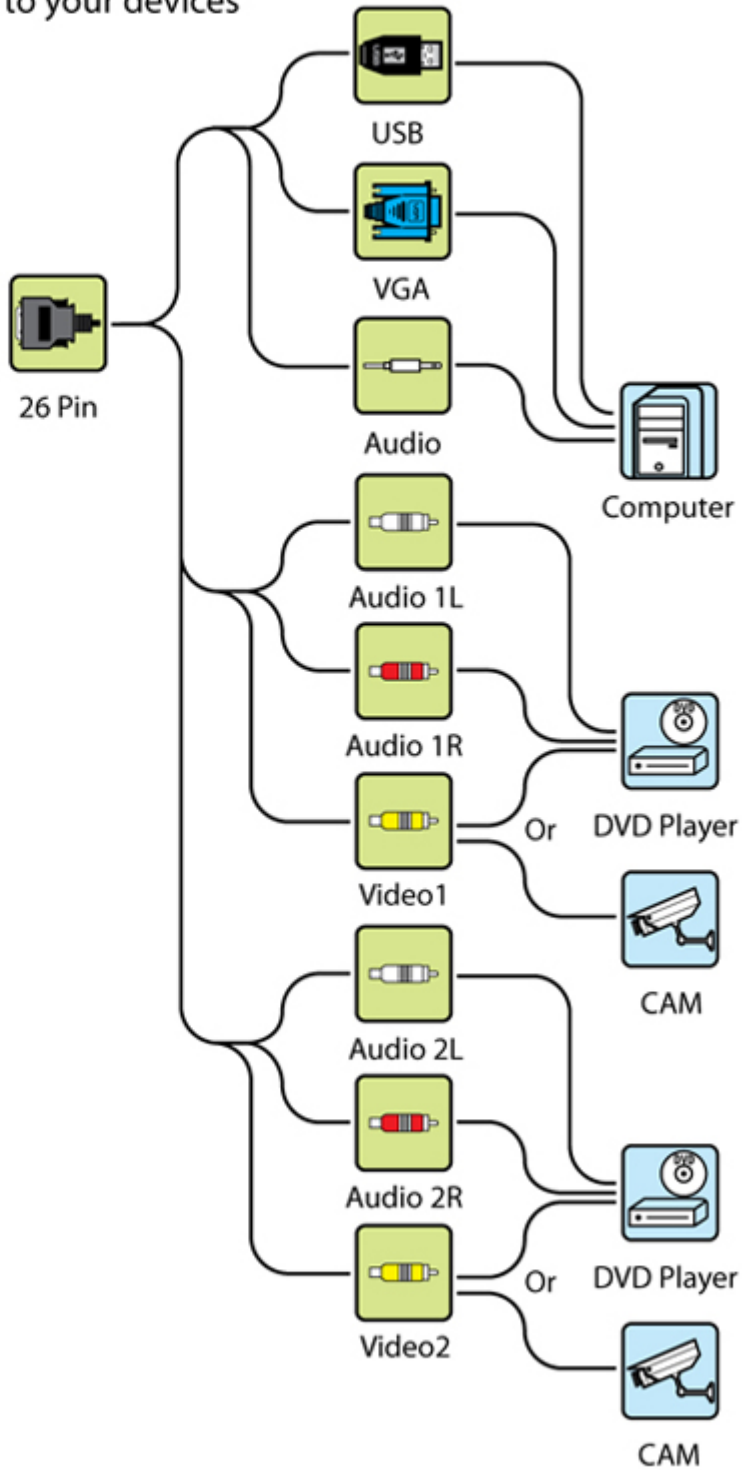
Function Diagram

How does it work?

- Connect the included cable to the Monitor
- Connect the connectors to your devices



YV SERIES



Package Contents

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

Specification

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- Screen Size: Diagonal 10.1" (16:9)
- Physical Resolution: 1024 (H) x 600 (V) WXGA
- Supported Resolution: 640 x 480 ~ 1920 x 1080
- Dot Resolution: 3072 x 600 = 1,843,200 (dots)
- Brightness: 400 cd/m²
- Contrast Ratio: 600:1
- Viewing Angle: 140° Horizontal, 120° Vertical
- Response Time (Tr/Tf): 5/20ms (Typ.)
- Operating Voltage Range: DC 9V ~ 36V
- Power Supply: DC 12V
- Power Consumption: ? 20W
- 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): 265W x 186H x 33.2D
- Weight (lb): 3.2