

VT420VS



VARTECH SYSTEMS INC.

Solutions for Demanding Applications

42.0" NEMA 4X (IP66) VESA Mount Industrial LCD Display



A fully-enclosed, full-color NEMA 4X (IP66) 42-inch LCD Display designed to operate in harsh environments, such as water direct hose-down applications, and is ideally suited for a wide variety of industrial plant floor applications. This high-resolution (1920 x 1080) LCD can display large amounts of critical production and process information while providing floor personnel with easy-to-see and easy-to-read production targets, cadence, alarms, machine uptime and downtime measurements, and OEE (overall equipment effectiveness), thus helping to improve productivity and efficiency in the work place.

SPECIFICATIONS

FEATURES

- 42" Bright Active Matrix TFT Display, 500 Nits (cd/m²)
- NEMA 4X (IP66) Stainless Steel Gasket Sealed Enclosure
- IP66 Sealed Video Inputs: HD-15 (VGA), DVI-D, S-Video
- Wide Color Gamut
- High Contrast Ratio (2500:1) & Definition, Outstanding Vivid Color & Image Quality
- Wide Color Gamut
- 16.8 million colors
- Energy Efficient, Low Power Consumption
- High Environmental Performance and Reliability
- De-skew compensation available for RGB delay control
- Adjustable equalization and gain control
- Anti-Reflective Protective Window
- 1680 x 1050 Resolution
- Wide Operational Temperature Range, 0°C to +50°C (32°F to +122°F)
- RoHS Compliant
- Engineered and Manufactured by VarTech Systems, an ISO 9001 Registered Company
- **Engineered, Fabricated and Assembled in the USA**
- Two (2) Year Warranty

Options

- Infrared Touch Screen
- Integrated VGA Extender
- Transmission length up to 330 meters (1000 ft) over CAT5e cable
- Extended Operational Temperature Range down to -20°C (-4°F)

LCD Panel

Display size (Diagonal) - 42"
 Resolution - 1680 x 1050
 Backlight Lifetime - 50,000 hours

Visual Characteristics

Colors - 16 Million
 Aspect Ratio - 16:9
 Viewing angle (V/H) - 178°/178°
 Response Time - 6.5ms
 Pixel Pitch (mm) - 0.4845 x 0.4845
 Contrast Ratio - 2500:1
 Brightness - 500 nits

Input Interface

VGA, DVI-D, S-Video, Composite, Component

Touch Screen

Infrared (Optional)
 Touch Rating - 27 Million Touches
 MTBF - 300,000 Hours
 Interface - USB, RS-232
 Driver - Windows 2k, XP, Windows 7

Enclosure

NEMA 4X VESA Mount - Stainless Steel Enclosure

Power/Thermal Specs.

Power Requirements (Max) - 110VAC @ 2.2A, 220VAC @ 1.1A; 24 V DC @ 10A
 Power Consumption (Max) - 234W
 Heat Dissipation - 798 BTU/hr

Physical Information

VESA Mount
 Net Weight - 104Lbs/47Kg
 Physical Dimension (WxHxD) - 42.76 x 26.73 x 5.04 inch; 1086.1 x 678.9 x 128.0 mm
 Shipping Weight - 134 Lbs

Environmental

Operating Temp 0° - 50°C (32° - 122°F)
 Storage Temp -20° - 60°C (-4° - 140°F)
 Relative Humidity 0% - 95% (non-condensing)
 Rating - NEMA 4X (IP66)

Receiver

Video bandwidth - 350MHz
 Video support - VESA
 Equalization - Continuous analog control
 RGB delay control - Yes
 Input - 1 x RJ-45

Approximate Shipping Dimensions and Weight (box size only)

50" x 33" x 16" (WxLxH) / 135lbs

CONTACT

HEADQUARTERS

11529 Sun Belt Ct.
 Baton Rouge, Louisiana 70809

Phone 800.223.8050

International

001.225.298.0300

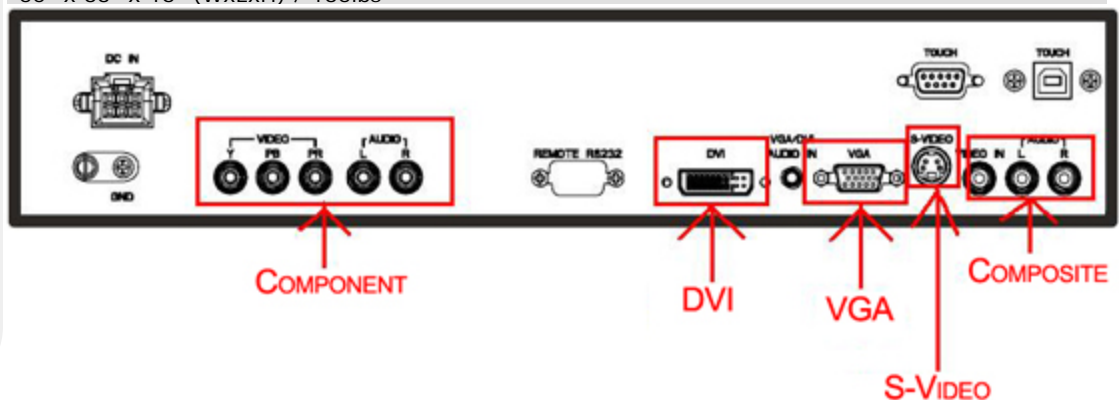
Fax 225.297.2440

E-mail

sales@vartechsystems.com

Website

www.vartechsystems.com



Mechanical Drawing

