

VT420VS

Solutions for Demanding Applications



VARTECH
SYSTEMS INC.

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

LCD Panel

Display size (Diagonal) - 42"
Resolution - 1920x1080
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 and DVI-D

Touch Screen

Infrared (Optional)
Touch Rating - 27 Million Touches
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

FEATURES

- ◆ 42" Active Max TFT LCD Display
- ◆ Optional Infrared Touch Screen
- ◆ NEMA 4X Enclosure
- ◆ Integrated VGA Extender
- ◆ Transmission length up to 330meters(1,000ft) over CAT5e cable
- ◆ Adjustable equalization and gain control
- ◆ De-skew compensation available for RGB delay control

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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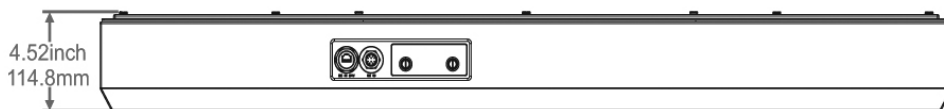
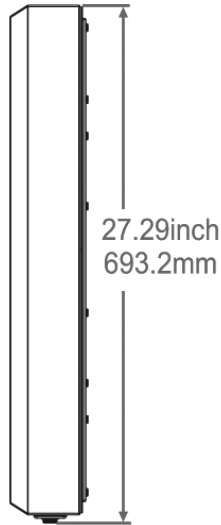
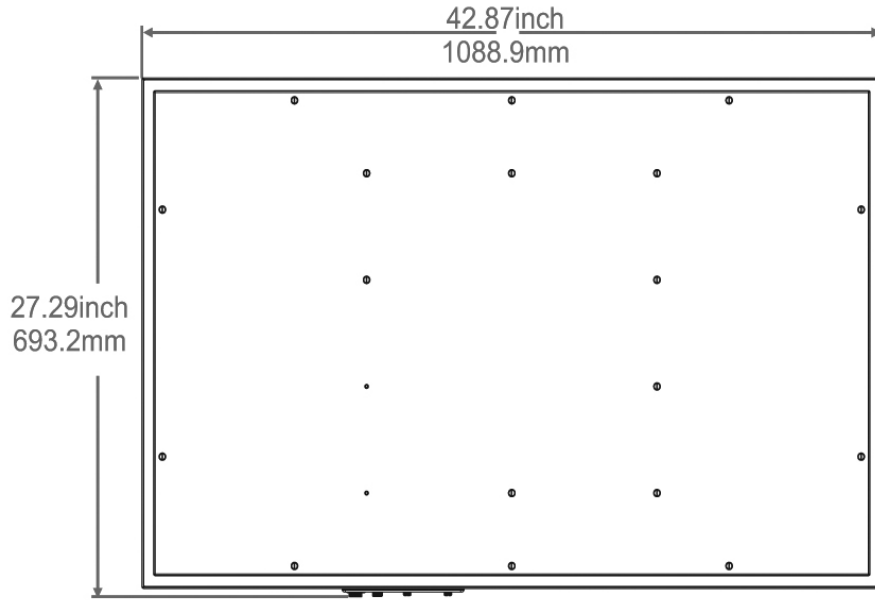
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OPTIONS

- Infrared Touch Screen
- Extended Operational Temperature Capabilities down to -20 C
- Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity

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Mechanical Drawing



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