



Solutions for Demanding Applications

17" Sunlight Readable All-Weather Fully Enclosed LCD



A very **Rugged Sunlight Readable All-Weather, Fully-Sealed 17" high-resolution LCD Display System**. Standard color LCDs are often unable to provide sufficient luminance for viewing under bright, outdoor environments; the result is poor image quality. VarTech's high brightness monitors deliver a radically higher level of brightness, resulting in unparalleled picture sharpness. Coupled with our proprietary Optical Bonding process (VBOND), this model is a high-performance product ideally suited for use under any high ambient light condition, and will give you the intensity and brilliance your application requires.

FEATURES

- ◆ Sunlight Readable - High Bright Backlighting coupled with VBOND optical bonding
- ◆ 1200 nits (cd/m²)
- ◆ VBOND optical bonding for ultra high contrast and significantly reduced reflective light
- ◆ SXGA (1280x1024) Native Resolution
- ◆ NEMA 4X (IP66) fully sealed enclosure
- ◆ Water proof and dust proof
- ◆ 316 Stainless steel construction
- ◆ Direct or KVM cabling to host
- ◆ Optional Resistive Touch

Durable

The VT170ESHV monitor is fully enclosed in a completely sealed, NEMA 4X (IP66), easy-open, 316 stainless steel housing. The chassis has no external vents, so nothing can get under its skin, including weather, dust, dirt, moisture, oil, chemicals or other harsh contaminants. A hard-anodized cast aluminum heat exchanger and internal heat management system keep it cool in environments where ambient temperatures approach 50°C -- without using outside air. Its rugged construction, and either pre-cabled or bulkhead connectors, allows it to be easily mounted on walls, stands, arms or other industrial equipment.

SPECIFICATIONS

Display Size

17.0 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to SXGA*

Pixel Format

640 x 480, 800 x 600,
1024 x 768, 1280 x 1024*

Pixel Pitch

.264mm (w) x .264mm (h)

Viewing Angle

Left / Right: 80°/80°
Up / Down: 80°/80°

Active Display Area

13.304" (w) x 10.643" (h)
337.920mm (w) x 270.336mm (h)

Contrast Ratio

500:1 Typical

Brightness

1200 Nits

Backlight

30,000 Hours Typical

Colors Supported

262K (RGB 6-bit data)

Video Input

0.7Vp-p / 75 ohm, Digital

Sync

TTL Separate H&V
Combined, SOG

Video Input Connector

HD15(F), DVI-D, RCA (NTSC/PAL),
5 Pin Mini Din (S-Video)

Optional:

HD15(M) to 5xBNC(F) Interface Cable

Power Source

90-264VAC Universal

Optional:

12VDC @ 4.8A

Power Consumption

60 Watts @ 115VAC

10 Watts Sleep Mode

Dimensions

20" W x 18" D x 11" H

Temperature

Operating: -10 to 50° C

Storage: -20 to 60° C

Optional:

Operating: -20°C or -40°C

Humidity

Operating: 8 to 95% NC

Storage: 8 to 95% NC

Altitude

Operating: up to 10,000 ft

Storage: up to 30,000 ft

Enclosure

316 Stainless Steel Sealed
Anodized Aluminum Heat Sink
10" Handles

Environmental/Thermal

NEMA 4x, Water Proof, Dust Proof
50°C
IP65

Optional Touch Screen

Resistive

CONTACT

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Marks of Conformity:

FCC47 CFR part 15, subpart B

EMC: EN 55022:2006, EN 55024:1998, CISPR
22:2005, CISPR 24:1997

Canada: ICES-003

Australia/New Zealand: AS/NZS CISPR 22

CE

RoHS

WEEE



OPTIONS

- Resistive Touch Screen
- KVM Extender (CAT5 or Fiber Optic)
- -20°C or -40°C Operational Temperature