



Solutions for Demanding Applications

10.4" Sunlight Readable Fully-Enclosed NEMA 4 (IP65) VESA Mount LCD Monitor



The VT104VHBR is ideal for high light or harsh weather applications. It is designed for high ambient light areas with a resistive touch screen HMI.

Rugged

The VT104VHBR NEMA 4 VESA mounted LCD easily handles harsh environments. Its proven tough in real world applications such as industrial production areas, outdoor kiosks and public terminals. The VT104VHBR chassis has no external vents, so nothing can get under its skin, including dust, dirt, moisture, oil, chemicals or other harsh contaminants.

FEATURES

- ◆ Rear Exit Cable Connectors
- ◆ LED Backlighting, Sunlight Readable 800 nits
- ◆ SVGA (800 x 600) Resolution
- ◆ Extremely Wide Temperature Ranges
- ◆ NEMA 4 (IP65) sealed enclosure
- ◆ Water proof and dust proof
- ◆ Stainless steel (316) construction

SPECIFICATIONS

Display Size

10.4 Inch

Resolution Capabilities

SVGA (800 x 600)

Brightness

True High Brightness (800 nits) Low-Power, high reliability Solid State LED Backlighting

Optical Stack Enhancement (OSE)

Unique optical design which boosts efficiency of the backlight's light utilization and minimizes the surface reflection of ambient light. The result is a transmissive enhancement that features higher contrast and a wider range of colors, even in bright outdoor light, than traditional reflective LCDs.

Pixel Format

800 x 600* / 18 bit per pixel

Standard Connection

VGA, Serial, Power

Viewing Angles:

85°/85°/85°/85° (L/R/U/D)

Enclosure

Black Powder Coated Aluminum

Mounting

VESA - 100mm

Environmental/Thermal

NEMA 4 (IP65) rated

Water Proof, Dust Proof

-10°C to +50°C

(optional -20°C and 60°C)

Dimensions

12.5" (W) x 14.37" (H) x 3.00" (D)

Height is 10.50" when not allowing for connections at bottom

Touch Screen

Optional Resistive

Optional:

VarTech's Armor Touch - 3mm Thermally Strengthened Laminated Glass Substrate Optically Bonded overlay with Anti-Reflective Field & UV Protection:

- > Integrated with a very durable vacuum deposited antireflective optical coating which is designed to meet industry standards such as SAE AMS-2521 and MIL-C-675
- > High Accuracy
- > 12 bit Resolution
- > Resistance to contamination, unaffected by harsh cleaning fluids and other noxious substances
- > Image Stability, not susceptible to problems caused by high-level short-term variances and axis linearity and drift

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

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



OPTIONAL

- Armor Touch Ultra Rugged Touch Screen
- Optional Hood Visor
- -20°C and 60°C
- Resistive Touch Screen