



Solutions for Demanding Applications

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



The VT104VHB 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 VT104VHB 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 VT104VHB chassis has no external vents, so nothing can get under its skin, including dust, dirt, moisture, oil, chemicals or other harsh contaminants.

### FEATURES

- ◆ 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

#### 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

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

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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



### OPTIONAL

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