

VTPC150VHBR



VARTECH
SYSTEMS INC.

Solutions for Demanding Applications

Sunlight Readable NEMA 4 Fully Enclosed LCD & Computer

Fully Enclosed Sunlight Readable NEMA 4 (IP65) computer's are an ideal HMI solution complete with resistive touch and fully sealed connectors. These small footprint all-in-one computers are ideal in a variety of high ambient light and harsh environments.

SPECIFICATIONS

Display Size – Viewable Area

15.0 inches

Panel Type

Harsh Duty LCD cell w/ Optically Bonded Touch Screen (VBOND)

Resolution

XGA 1024 x 768 native

Brightness

True High Brightness 1950 nits (cd/m2), 439 fL Low-Power, high reliability Solid State LED Backlighting

Backlight MTBF

100,000 hours

Dimming

Advanced Deep Dimming - 0-100%

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.

Viewing Envelope: Horizontal

75° / 75°

Viewing Envelope: Vertical

UP: 75° / Down: 55°

Contrast Ratio

450:1

Processor

Intel® Atom™ N270, 1.6 GHz Processor with a 533 Mhz FSB

BIOS

AMI BIOS

O/S

Microsoft XP Professional (optional Windows Embedded Standard)

System Memory

2GB DDR2 533 SO-DIMM with wide operational temperature range

Hard Drive

160GB Fast Access SATA with wide operational temperature range

VGA

Intel Generation 3.5 integrated GFX Core (133Mhz)

Sealed I/O

1 Power Connector
1 LAN port (2 LAN Optional)
2 RS-232 COM port
2 USB 2.0 ports
1 Audio line-out

Power Input

100-240 VAC 1.5A 50/60 Hz

Optional:

12/24V DC,
6 to 32V DC

Power Consumption

89W

Connections

Sealed connections for USB, Serial, Ethernet, and Power

Temperature

Operational: -10° to 50°C
Storage: -20° to 65°C

Humidity

Operational: 0 to 90% RH NC
Storage: 0 to 95% RH NC

Touch Screen

Resistive Standard

Display Construction

NEMA 4 (IP65) - Black Powder Coat

Dimensions:

16.15" (W) x 15.96" (H) x 5.21" (D)
Height is 12.09" when not allowing for connections at bottom

FEATURES

- ◆ Rear Exit Cable Connectors
- ◆ Sunlight Readable 1950 nit LCD with Solid State LED Backlighting
- ◆ Rugged Aluminum NEMA 4 (IP65) Enclosure
- ◆ Resistive Touch Screen
- ◆ Sealed connections for USB, Serial, Ethernet, and Power
- ◆ High-Performance Fast Access Disk Drive
- ◆ WINDOWS XP OS

CONTACT

HEADQUARTERS

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OPTIONS

- Hard Drive expandable
- Please inquire about expansion capabilities
- Wireless G with external antenna
- 12/24V DC Power
- 6 to 32V DC Power
- Windows Embedded Standard

Specs subject to change without notice. Please inquire before ordering.

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

