VT150XHBU

Solutions for Demanding Applications

VARTECH
SYSTEMS INC.

15" All-Weather Splash Proof IP65 Ultra High Bright Display

A harsh duty flat panel designed for extreme conditions where the case must be sealed form water, oil, dirt and other contaminants. The front mounted on/off, dimming and setup control adjusts the display for ultimate operator viewing. The VT150XHBU connects through sealed quick connects for power, RGB video and optional serial touch making installation and reconfiguration a "snap". The matting cables plug directly into any standard PC. The VT150XHBU is available with an optional resistive touch screen to simulate mouse controls and will continue to operate even in dirty or wet conditions. The precision milled aluminum case looks great, yet will give years of service with the roughest handling. Mounting is accomplished via a shock resistant adjustable ball mount, or it can be bolted directly to a console. The VT150XHBU is designed to operate over a wide temperature range and is ideally suited for industrial, marine, mobile, generator powered or fixed mount applications.

FEATURES

♦ IP65 splash proof design

♦ XGA 1024 x 768 native resolution

♦ RGB Computer VGA Input

♦ Optional NTSC and S-Video

♦ Wide Temperature Range, 0 to 60C (optional –40C to +60C)

♦ RAM Shock Resistant Adjustable Ball Mount

♦ Thin profile gray anodized aluminum case

♦ Drilled and tapped for optional Panel Mounting

♦ 12 or 24 VDC or 120/240 VAC

♦ Analog resistive touch Optional

♦ Cables with connectors included

SPECIFICATIONS

Display Size
  15.0 Inch
Panel Type
  TFT Active
Resolution
  XGA 1024x768
Brightness
  1200 Nits, backlit
Backlight
  30,000 MTBF
Video Input
  VGA monitor from PC, generic configuration (optional comp. video input)
Power (at max. brightness)
  50W
Electrical Input
  12 VDC Internal
  120/240 VAC
Electrical voltage range
  +20/-15% Rating
  100-250 VAC
Electrical Frequency
  DC Input
  45-75 HZ
Temperature
  Operating: 0 to 70ºC
  Storage: -55 to 75ºC

  Low Operational Temperature Heater for down to –40C
Humidity
  Operating: 5 to 95%NC
  Storage: 5 to 95%NC
Shock
  Operating: 10g
  Storage: 10g

Vibration (@ 5-500 Hz sine sweep)
  Operating: 1g
  Storage: 3g
Housing
  NEMA 4/IP65 rated without additional enclosures or protection, impact and shock resistant ABS collar, non-flammable per UL 94 VO, metal back panel with RAM shock resistant ball for pedestal mounting
Cables
  Length - 6m (9'10") each
  Power— Calibrated 2-wire pigtail to voltage regulator, terminals on primary
  Video - 15-pin D-SUB M
  Touch (Optional) - 9-pin D-SUB F
Dimensions
  18.00"(w) x 11.72"(h) x 2.15" (d)
  457mm(w) x 298mm(h) x 55mm(d)
Weight
  7.2lbs. / 3.3kg
Touchscreen
  Optional:
  Resistive

CONTACT

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