

VT084WX

Solutions for Demanding Applications



VARTECH
SYSTEMS INC.

8.4" Xtreme Rugged Military Grade VESA Mount



The rugged VESA mount LCD is adaptable to extreme environments. The display has the ability to withstand harsh ambient environments, has enhanced shock and vibration safeguards.

The VT084WX comes standard with optically bonded chemically strengthened front protective glass for added Shock & Vibration protection and reduced solar reflectivity.

SPECIFICATIONS

FEATURES

- ◆ Bright TFT Display
- ◆ Optically bonded chemically strengthened front protective glass
- ◆ Manual Full-Range Dimming to black
- ◆ Conformal Coating of all internal circuit boards
- ◆ Integrated heaters for extended operational temperature capabilities
- ◆ Front or Rear Controls

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



*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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Display Size

8.4 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA*

Pixel Format

640x480*

Pixel Pitch

.267mm

Active Display Area

6.78" (w) x 5.16" (h)
172.2mm (w) x 131.1mm (h)

Viewing Angle

Left / Right: 65/65 Degrees
Up / Down: 60/50 Degrees

Contrast Ratio

450:1

Brightness

400 Nits Typical, , with full-range manual dimming

Optional: Actively enhanced panel for readability in high ambient light conditions

Backlight

50,000 hours Half Life

Colors Displayed

262,144

Video Input Connector

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

Optional:

HD15 to 5BNC Interface Cable

Video Input

Analog 0.7 Vp-p, NTSC/PAL

Sync

Separate V&H, Combined, SOG

Power Source

Connector: Amphenol, Bayonet Mating, Meets MIL-C-5015

+12VDC

Optional:

90-264VAC Power Supply

+24VDC

18-30VDC

Power Consumption

25 Watts

Temperature

Operating: -20° to 50°C
(Optional Operating: -40° C, +55°C)
Storage: -20° to 60°C

Humidity

Operating : 10 to 95%NC
Storage: 10 to 95%NC

Shock

MIL-STD-901D*

Vibration

MIL-STD-167*

Drip Proof

MIL-STD-810E*

Sand Dust

MIL-STD-810E*

Altitude

Operating: up to 10,000 ft
Storage: up to 40,000 ft

Dimensions

9.82" (w) x 7.902" (h)
249.43mm x 200.71mm

Depth

2.34" / 59.44mm

Weight

7lbs / 3.18kg

Touchscreen

Optional:

Resistive
or Capacitive

Touch Interface

Serial

Optional:

USB

*Designed to Meet

OPTIONS

- Fully Enclosed Housing (coming soon)
- Transparent Heaters for -40C Operation
- 90-264 VAC Universal Power Supply
- 24VDC @ 0.50A
- Resistive Touch
- HD15 to 5BNC Interface Cable
- Automatic Dimming Sensor
- Rear tactile OSD controls

www.vartechsystems.com