



21.3" Xtreme Rugged Military Grade VESA Mount



This 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 VT213WX comes standard with optically bonded chemically strengthened front protective glass for added Shock & Vibration protection and reduced solar reflectivity.

SPECIFICATIONS

FEATURES

- ◆ 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
- ◆ HD15(F), DVI-D Pin, RCA, Mini-Din
- ◆ Optional Touch Systems: Resistive and Capacitive
- ◆ Front or Rear Controls
- ◆ VGA to UXGA Resolution
- ◆ 1600 x 1200 Max. Resolution
- ◆ Picture in Picture

*Supports all VESA standard video formats

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

Display Size

21.3 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to UXGA*

Pixel Format

640x480, 800x600, 1024x768,
1280 x 1024, 1600 x 1200*

Pixel Pitch

.270 mm (w) x .270mm (h)

Viewing Angle

Left / Right: 89°/89°

Up / Down: 89°/89°

Active Display Area

17.008" (w) x 12.756" (h)

432.00mm x 324.00mm

Picture in Picture

Small Window: 3.6" (w) x 2.9" (h)

Med. Window: 5.0 (w)" x 4.9" (h)

Large Window: 6.5 "(w)" x 5.0" (h)

Contrast Ratio

800:1

Brightness

300 Nits Typical, with full-range manual dimming

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

Backlight

50,000 hrs. Typical

Colors Displayed

16.8M

Video Input

0.7v p-p, /75 ohm digital

Sync

TTL Separate H&V,
Combined SOG

Input Connectors

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

Optional:

HD15 to 5BNC Adapter
5BNC

Power Source

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

+12VDC@2.5a

Optional:

90-264VAC Universal
+24VDC
18-30VDC

Power Consumption

50 Watts @ 115VAC

8 watts sleep mode

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

Outside Dimension

20.00" (w) x 16.75" (h)

508mm x 425.7mm

Depth Behind Panel

3.935" / 99.9mm

Bezel Finish

Black Powder Coat Finish
Aluminum Bezel

Touchscreen

Optional:

Resistive

Touch Interface

Serial

Optional:

USB

Weight

26 lbs/ 11.82 kg

*Designed to Meet

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



OPTIONS

- Fully Enclosed Housing (coming soon)
- Transparent Heaters for -40C Operation
- Resistive or Capacitive Touch
- HD15 to 5BNC Cable
- Automatic Dimming Sensor
- Manual Full-Range Dimming
- Rear tactile OSD controls