



15.0" Xtreme Rugged Military Grade VESA Mount



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

The VT150WX 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
- ◆ Compact, Low Profile
- ◆ Optional Resistive or Capacitive Touch
- ◆ HD15(F), RCA (NTSC/PAL) & 5 Pin Mini Din (S Video)

Display Size

15.0 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to XGA*

Pixel Format

640 x 480, 800 x 600,
1024 x 768

Pixel Pitch

.297mm (w) x .297mm (h)

Active Display Area

11.973" (w) x 8.979" (h)
304.12mm (w) x 228.09mm (h)

Viewing Angle

Left / Right: 70°/70°
Up / Down: 60°/65°

Contrast Ratio

300:1 Typical

Brightness

450 Nits Typical, with full-range manual dimming
Optional: Actively enhanced panel for readability in high ambient light conditions

Back Light

50,000 Hours Typical

Colors Supported

16.2M

Input Connectors

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

Optional:

HD15(M) to 5xBNC(F) Interface Cable

Video Input

Analog 0.7Vp-p / 75 ohm, Digital, NTSC/
PAL

Sync

TTL Separate H&V,
Combined, SOG

Power Source

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

12VDC @ 2.5A

Optional:

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

Power Consumption

27 Watts
4 Watts Sleep Mode

Temperature

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

Humidity

Operating: 10 to 90% NC
Storage: 5 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 Enclosure Dimension

15.312" (w) x 12.0" (h)
388.92mm (w) x 304.80mm (h)

Depth

2.435" / 61.84mm

Weight

11 lb/ 5 kg

Chassis Construction

Integrated welded construction

Bezel Finish

Black Powder Coat Finish
Aluminum Bezel

Touch Screen

Optional:

Resistive or Capacitive

Touch Interface

Serial

Optional:

USB

*Designed to Meet

*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

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

- Resistive Touch or Capacitive Touch
- 90-264VAC Universal Power Supply
- HD15(M) to 5xBNC(F) Interface Cable
- Automatic Dimming Sensor
- Transparent Heaters for -40°C Operation
- Fully Enclosed Housing (coming soon)
- Rear tactile OSD controls