



15.0" Xtreme Rugged Military Grade Rack Mount



The rack 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 as well as Electromagnetic Environmental Interference protection.

The VT150RX 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 with optional EMI coating
- ◆ 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)

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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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 reliability 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 @ 2.25A

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

EMI

FCC Part 15 - Class B*

Optional: MIL-STD-461E*

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

Rack Bezel Dimensions

18.984"(w) x 12.22"(h)(7U)

482.2(w) x 310.4mm(h)

Depth

2.56" / 65.2mm

Weight

Unit: 16.2 lbs / 7.36 kg

Shipping: 30 lbs / 13.64 kg

Rear Chassis Construction

16 gauge Stainless Steel

Bezel Finish

Black Powder Coat Finish

Aluminum Bezel

Touch Screen

Optional:

Resistive or Capacitive or Armor Touch

Touch Interface

Serial

Optional:

USB

**Designed to Meet*

OPTIONS

- Resistive Touch or Capacitive Touch
- Armor Touch Rugged Touch Screen
- 90-264VAC Universal Power Supply
- HD15(M) to 5xBNC(F) Interface Cable
- Automatic Dimming Sensor
- EMI/RFI conductive ITO coating to of 12 ohms/sq. bonded front protective glass
- Transparent EMI/RFI Micro Mesh for MIL-STD 461E Compliance
- Transparent Heaters for -40C Operation
- Frontal Handles