



### 17.0" 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 VT170RX comes standard with optically bonded chemically strengthened front protective glass for added Shock & Vibration protection and reduced solar reflectivity.

## SPECIFICATIONS

### FEATURES

- ◆ Bright Active Matrix 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 temp. capabilities
- ◆ Front or Rear Controls
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din
- ◆ Low Power Consumption
- ◆ Optional Touch Systems
- ◆ VGA to SXGA

\*Supports all VESA standard video formats

#### Display Size

17.0 Inch

#### Panel Type

TFT Active

#### Resolution Capabilities

VGA to SXGA\*

#### Pixel Format

640 x 480, 800 x 600,  
1024 x 768, 1280 x 1024\*

#### Pixel Pitch

.264mm (w) x .264mm (h)

#### Viewing Angle

Left / Right: 89°/89°  
Up / Down: 89°/89°

#### Active Display Area

13.304" (w) x 10.643" (h)  
337.920mm (w) x 270.336mm (h)

#### Contrast Ratio

600:1 Typical

#### Brightness

250 Nits, with full-range manual dimming  
**Optional:** Actively enhanced panel for reliability in high ambient light conditions

#### Backlight

50,000 Hours Typical

#### Colors Supported

16.8M

#### Video Input

0.7Vp-p / 75 ohm, Digital

#### Sync

TTL Separate H&V  
Combined, SOG

#### Video Input Connector

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

#### Optional:

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

#### Power Source

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

12VDC @ 2.5A

#### Optional:

90-264VAC Universal

24VDC

18-30VDC

#### Power Consumption

35 Watts @ 115VAC

4 Watts Sleep Mode

#### Temperature

Operating: -20 to 50° C

(Optional Operating: -40° C, +55° C)

Storage: -20 to 60° C

#### 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

#### Chassis Construction

18 gauge Stainless Steel

#### Bezel Finish

Black Powder Coat Finish

Aluminum Bezel

#### Touch Screen

**Optional:**

Resistive or Capacitive

#### Touch Interface

Serial

**Optional:**

USB

\* Designed to Meet

### CONTACT

#### HEADQUARTERS

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## OPTIONS

- 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 -40° C Operation
- Capacitive Touch or Resistive Touch
- HD15(M) to 5xBNC(F) Interface Cable
- 90-264VAC Universal Power
- Automatic Dimming Sensor
- Frontal Handles