



21.3" Xtreme Rugged Military Grade Rack Mount



The 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 VT213RX 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 with optional EMI coating
- ◆ Manual Full-Range Dimming
- ◆ Conformal Coating of all internal circuit boards
- ◆ Integrated heaters for extended operational temperature capabilities
- ◆ Optional Touch Systems: Resistive and Capacitive
- ◆ Front or Rear Controls
- ◆ Picture in Picture

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



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 reliability in high ambient light conditions

Backlight

50,000 hrs. Half Life

Colors Displayed

16.8M

Video Input

Analog 0.7v p-p, digital
NTSC/PAL

Sync

SOG, Composite, and
Separate H&V

Input Connector

HD15(F), DVI-D Pin
RCA, Mini Din

Optional:

HD15 to 5BNC Adapter
5BNC

Power Source

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

12VDC

Optional:

90-264VAC Universal
24VDC @ 2.8A
18-30VDC

Power Consumption

70 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

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

Outside Dimension

22.847" (w) x 18.220"(h)
580.3mm x 488.2mm

Depth Behind Panel

5.525" / 140.3mm

Stud Size & Screw Length

10-32 x 1/2"

Chassis Construction

16 Gauge Stainless Steel

Bezel Finish

Black Powder Coat Finish
Aluminum Bezel

Touchscreen

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 -40C Operation
- Capacitive Touch or Resistive Touch
- HD15 to 5BNC Cable
- Stainless Steel
- Automatic Dimming Sensor
- Frontal Handles