



20.1" 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 full Electromagnetic Environmental Interference protection.

The VT201RX comes standard with optically bonded chemically strengthened front protective glass with optional EMI coating 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
- ◆ Picture in Picture
- ◆ Conformal Coating of all internal circuit boards
- ◆ Integrated heaters for extended operational temperature capabilities
- ◆ Front or Rear Controls
- ◆ HD15(F), DVI-D Pin, RCA, Mini-Din
- ◆ Optional Touch Systems: Resistive and Capacitive
- ◆ VGA to UXGA

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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Display Size

20.1 Inch

Panel Type

TFT Active

Resolution

VGA to UXGA*

Pixel Format

640 x 480, 800 x 600, 1024 x 768
1280 x 1024, 1600 x 1200*

Pixel Pitch

.255mm (w) x .255mm (h)

Viewing Angle

Left / Right: 178°/178°
Up / Down: 178°/178°

Active Display Area

16.062"(w) x 12.047"(h)
408.00mm x 306.00mm

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

Colors Supported

16.8M

Backlight

50,000 Hrs Typical

Video Input

0.7Vp-p / 75 ohm Digital

Sync

TTL Separate H&V,
Combined, SOG

Input Connectors

HD15(F), DVI-D Pin, (NTSC / PAL)
5 PIN MINI-DIN (S-Video)

Optional:

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

Power Source

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

12VDC

Optional:

90-264VAC Universal

24VDC @ 2.8A

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

Altitude

Operating: up to 10,000 ft

Storage: up to 40,000 ft

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*

Dimensions

18.984"(w) x 13.968"(h)

482.19mm x 464.668mm

Depth Behind Panel

3.144" / 108.74mm

Weight

19.0 lbs

Rear Chassis Construction

16 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*

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
- Capacitive Touch or Resistive Touch
- HD15 to 5NC adapter cable
- Automatic Dimming Sensor