



10.4" 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 VT104RX 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
- ◆ Optional Touch
- ◆ HD15(F), RCA (NTSC/PAL)
- ◆ Sync on Green

*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

Display Size

10.4 Inch

Panel Type

TFT Active

Resolution Capabilities

SVGA

Pixel Format

800 x 600

Pixel Pitch

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

Active Display Area

8.315"(w) x 6.236" (h)

211.2mm(w) x 158.4mm(h)

Viewing Angle

Left / Right: 70°/70°

Up / Down: 50°/60°

Contrast Ratio

500:1 Typical

Brightness

400 Nits Typical, with full-range manual dimming

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

Backlight

50,000 Hours Typical

Colors Supported

262,144 (optional 16.7M)

Input Connectors

HD15(F), RCA (NTSC/PAL),

5 Pin Mini Din (S-Video)

Optional:

HD15(M) to 5xBNC(F)

Interface Cable

Video Input

Analog 0.7V p-p/75 ohm,

NTSC/PAL

Sync

TTL Separate H/V

Combined, SOG

Power Source

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

12VDC @ 1.6A

Optional:

90-264VAC Universal

24VDC @ 0.50A

18-30VDC

Power Consumption

20Watts @+12V

4Watts 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

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

Rear Chassis Construction

16 gauge Stainless Steel

Bezel Finish

Black Powder Coat Finish

Aluminum Bezel

Optional:

NEMA 4X Stainless Steel

Touchscreen

Optional:

Resistive

Touch Interface

Serial

Optional:

USB

*Designed to Meet

OPTIONS

- 90-264 VAC Universal Power Supply
- 24VDC @ 0.50A
- HD15 to 5BNC Interface Cable
- Resistive or Capacitive Touch
- Transparent Heaters for -40°C Operation
- 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
- 90-264 VAC Universal Power Supply
- HD15 to 5BNC Interface Cable
- Resistive or Capacitive Touch
- Stainless Steel
- Automatic Dimming Sensor
- Frontal Handles
- Armor Touch