



15.0" Xtreme NEMA 4X Military Grade Panel Mount



The NEMA 4X rated 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 VT150PSSX 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 SXGA*

Pixel Format

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

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

16.7M

Input Connectors

HD15(F), RCA (NTSC/PAL),
5 Pin Mini Din (S-Video), DVI
Optional:
HD15(M) to 5xBNC(F) Interface Cable

Video Input

Analog 0.7V p-p, / 75 ohm, Digital
Sync: TTL Separate H&V
Combined, SOG

Power Source

12VDC
Optional:
90-264VAC Universal
24VDC
18-30VDC

Power Consumption

27 Watts @ 115 VAC
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 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

Cut Out Dimension

15.06"(w) x 12.2"(h)
382.52mm(w) x 309.88mm(h)

Depth Behind Panel

2.57" / 65.2mm

Stud Size & Screw Length

10-32 x 1/2"

Weight

Unit: 14.8 lbs / 6.73 kg
Shipping: 30 lbs / 13.64 kg

Chassis Construction

16 gauge Stainless Steel

Bezel Finish

NEMA 4X:
Stainless Steel

Touchscreen

Optional:
Resistive or Capacitive

Touch Interface

Serial
Optional:
USB

*Designed to Meet

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



OPTIONS

- Capacitive Touch
- Resistive Touch
- HD15 to 5BNC Interface Cable
- 90-264VAC Universal Power Supply
- 24 VDC
- 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