



17.0" 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 VT170PSSX 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 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

CONTACT

HEADQUARTERS

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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

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(M) to 5xBNC(F) Interface Cable
- 90-264VAC Universal Power
- 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