



15.0" Xtreme Rugged Military Grade Panel Mount



The NEMA 4 (IP65) 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 VT150PX comes standard with optically bonded chemically strengthened front protective glass for added Shock & Vibration protection and reduced solar reflectivity.

FEATURES

- ◆ Bright TFT Display
- ◆ 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
- ◆ Front or Rear Controls

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



*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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SPECIFICATIONS

Display Size

15.0 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to XGA*

Pixel Format

640 x 480, 800 x 600,
1024 x 768

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 (cd/m2) 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

16.2M

Input Connectors

HD15(F), RCA (NTSC/PAL)
5 Pin Mini Din (S-Video)

Optional:

HD15(M) to 5x(BNC(F) Interface Cable

Video Input

Analog 0.7Vp-p / 75 ohm, Digital, NTSC/PAL

Sync

TTL Separate H&V,
Combined, SOG

Power Source

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

12VDC@ 2.25A

Optional:

90-264VAC Universal
18-30VDC

Power Consumption

27 Watts
4 Watts Sleep Mode

Temperature

Operating: -20°C to 50°C (-4° to 122°F)

(Optional Operating: -40°C/-40°F ,
55°C/131°F)

Storage: -20°C to 60°C (-4° to 140°F)

Humidity

Operating: 10 to 90% NC
Storage: 5 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

Dimensions

16.5"(w) x 13.65"(h)
419.1mm(w) x 346.45mm(h)

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: 19 lbs / 8.62 kg
Shipping: 30 lbs / 13.64 kg

Chassis Construction

16 gauge Stainless Steel

Bezel Finish

Black Powder Coat Finish
Aluminum Bezel

Optional:

NEMA 4X (IP66) Stainless Steel

Touch Screen

Optional:
Resistive or Capacitive

Touch Interface

Serial or USB

*Designed to Meet

OPTIONS

- Capacitive Touch or Resistive Touch
- HD15(M) to 5x(BNC(F) Interface Cable
- Stainless Steel NEMA 4X (IP66) Front Panel
- 90-264VAC Universal Power Supply
- 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/-40F Operation
- Frontal Handles