



NEMA 4X



Solutions for Demanding Applications VarTech Systems Inc.

High Performance Industrial Flat Panels for Demanding Applications

FEATURES: VT181PSS 18.1" Stainless Steel NEMA 4X Panel Mount

- ◆ Bright Active Matrix TFT Display
- ◆ Anti-Reflective Protective Faceplate
- ◆ Digital, Analog and NTSC Inputs
- ◆ HD15(F), DVI-I29 Pin, RCA, Mini Din
- ◆ Optional Capacitive or Resistive Touch
- ◆ Optional Resident 5BNC

This 18.1" Stainless Steel flat panel display is a large screen design to be placed in a variety of Industrial and Corrosive environments requiring a NEMA 4X panel mount display system that supports VGA to SXGA resolutions*. The display is auto-sync compatible with most PC's video standards, and satisfies a wide variety of industrial control and man-machine interface applications. A variety of alternate sizes are also available.

SPECIFICATIONS:

Display Size

18.1 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

.2805 mm

Active Display Area

14.135"(w) x 11.310(h)
359.02mm(w) x 287.27mm(h)

Viewing Angle

Left / Right: 80/80 Degrees
Up / Down: 80/80 Degrees

Contrast Ratio

350:1 Typical

Brightness

300 Nits

Back Light

50,000 Hours Half Life

Colors Supported

16.7M

Video Input

Analog 0.7V p-p / Digital,
NTSC / PAL

Sync

Separate H&V
Combined, SOG, digital

Input Connector

HD15(F), DVI-I29 Pin,
RCA, Mini Din

Optional:

Resident 5BNC
HD15 to 5BNC Interface Cable

Power Source

90-264VAC Universal

Optional:

12VDC
24VDC

Power Consumption

55 Watts (DPMS 3W)

Temperature

Operating: 0 to 50°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

Response Time

T_R = 15ms typical (25 max)
T_F = 15ms typical (25 max)

Bezel Outside Dimension

19.0"(w) x 15.72"(h)
482.60mm(w) x 399.28mm(h)

Cut Out Dimension

17.862"(w) x 14.582"(h)
453.69mm(w) x 370.38mm(h)

Depth Behind Panel

< 2.5" / 63.5mm

Stud Size & Screw Length

10-32 x 1/2"

Weight

23.2 lbs / 10.55kg

Chassis Construction

16 gauge Stainless Steel

Bezel Finish

NEMA 4X:
Stainless Steel Grained - 4B

Touchscreen

Optional:
Resistive or Capacitive

Touch Interface

Serial or USB

Weight:

23 lbs / 10.5 kg

*Supports all VESA standard video formats

OPTIONS:

12VDC Power Supply · 24VDC Power Supply · Resident 5BNC · HD15 to 5BNC Interface Cable
Capacitive Touch · Resistive Touch

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