



Shown: NEMA 4 (rear controls)



# Solutions for Demanding Applications VarTech Systems Inc.

## High Performance Industrial Flat Panels for Intecolor Applications

### FEATURES: **VT181PI 18.1" Intecolor Configured NEMA 12/ 4 Panel Mount**

- ◆ Bright Active Matrix TFT Display
- ◆ Compact, Low Profile
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Capacitive or Resistive Touch System
- ◆ HD15, DVI-I 29Pin, S-Video, Composite Video
- ◆ Configured for Intecolor Applications

This 18.1" flat panel display is configured for use in Intecolor applications. It will replace legacy Intecolor CRTs with the technology of an LCD. It is designed to be placed in a variety of Industrial and Harsh environments requiring a NEMA 4 panel mount display system that supports VGA to SXGA resolutions\*.

### 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**

.281mm

**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

**Brightness**

300 Nits

**Back Light**

60,000 Hours Half Life

**Colors Supported**

16M

**Video Input**

RGB Analog (0.7V p-p / 75Ω)  
Digital CVBS (1.0V p-p)  
S-VHS,  
Luma / chroma (.7V p-p / 75Ω)

**Sync**

Separate H&V  
Combined, SOG, Digital

**Input Connector**

HD15(F), DVI-I 29Pin (Digital/  
Analog)  
Composite Video (CVSC)  
S-Video (S-VHS)

**Optional:**

Resident 5BNC

**Power Source**

90-264VAC Universal

**Optional:**

12VDC

24VDC

**Power Consumption**

55 Watts (DPMS 3 Watts)

**Temperature**

Operating: 0 to 45°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<sub>R</sub> = 15ms  
T<sub>F</sub> = 15ms

**Bezel Outside Dimension**

18.984"(w) x 15.719"(h)(9U)  
482.2mm(w) x 399.3mm(h)

**Cut Out Dimension**

17.7"(w) x 14.2"(h)  
449.6mm(w) x 360.7mm(h)

**Depth Behind Panel**

3.239" / 82.27mmmm

**Weight**

23.2 lbs / 10.55 kg

**Chassis Construction**

16 gauge Stainless Steel

**Bezel Finish****NEMA 12 (front controls)**

Black Powder Coat  
Cold Rolled Steel

**NEMA 4 (rear controls)**

Black Powder Coat

**Optional NEMA 4X:**

Stainless Steel

**Touchscreen****Optional:**

Resistive or Capacitive

**Touch Interface**

Serial

**Optional:**

USB

\*Supports all VESA standard video formats

### OPTIONS:

12VDC Power Supply · 24VDC Power Supply · Capacitive Touch · Resistive Touch  
Resident 5BNC · NEMA 4X Stainless Steel

**VARTECH SYSTEMS INC.**

**www.vartechsystems.com**

**HEADQUARTERS**

11529 Sun Belt Ct.  
Baton Rouge, Louisiana 70809

Toll-Free: 800.223.8050

International Phone: 001.225.298.0300

Fax: 225.297.2440

E-mail: sales@vartechsystems.com