



VT181PC



Solutions for Demanding Applications

VarTech Systems Inc.

High Performance Industrial Flat Panels for Demanding Applications

FEATURES: VT181PC 18.1" ColorVue NEMA 4 Panel Mount Flatpanel

- ◆ Bright Active Matrix TFT Display
- ◆ VGA, SVGA, XGA, SXGA
- ◆ Anti-Reflective Protective Faceplate
- ◆ Black Powder Coating
- ◆ Optional Touch Systems
- ◆ Digital and Analog Inputs

This 18.1" ColorVue Panel Mount flat panel display is more economically priced than our DiamondVue Series but is designed to work in NEMA 4 environments. This display has an anti-reflective protective faceplate and is designed to be placed in a variety of industrial and process control environments requiring a NEMA panel mount that supports VGA to 1280 x 1024 resolutions*. This display is auto sync compatible with most PC's video standards and satisfies a wide variety of industrial control and man-machine interface applications.

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

.2805mm

Active Display Area

14.135"(w) x 11.31"(h)
359.03mm x 287.27mm

Viewing Angle

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

Contrast Ratio

350:1

Brightness

250 Nits

Back Light

50,000 Hours Half Life

Colors Supported

16.7M

Video Input

Analog RGB 0.7-1V p-p / Digital

Sync

Separate H&V, Combined, SOG
And Digital

Input Connector

HD15(F), DVI-I29Pin

Optional:

HD15 to 5BNC interface cable

Power Source

90-264VAC Universal

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 = 20ms typical (30 max)
T_F = 30ms typical (40 max)

Power Consumption

55 Watts (DPMS 3W)

Bezel Outside Dimension

19.55" (w) x 16.38" (h)
496.57mm x 416.05mm

Cut Out Dimension

18.12" (w) x 14.95" (h)
460.12mm x 379.73mm

Depth Behind Panel

2.992" / 75.997mm

Stud Size & Length

10-32 x 1/2" Qty. 18

Weight

21.2 lbs / 9.64kg

Rear Chassis Construction

Aluminum

Bezel Finish

Black Powder Coat Steel

Touchscreen**Optional:**

Resistive, Capacitive or SAW

Touch Interface

Serial

Optional:

USB

*Supports all VESA standard video formats

OPTIONS:

Resistive Touch · Capacitive Touch · SAW Touch · HD15 to 5BNC interface cable

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