



Solutions for Demanding Applications
VarTech Systems Inc.

**High Performance Industrial Flat Panels
 for Demanding Applications**

VT181RC

FEATURES: VT181RC 18.1" ColorVue NEMA 12 Rack Mount Flatpanel

- ◆ Bright Active Matrix TFT Display
- ◆ VGA, SVGA, XGA, SXGA
- ◆ Anti-Reflective Protective Faceplate
- ◆ HD15(F), DVI-I 29Pin
- ◆ Optional Touch Systems
- ◆ Digital and Analog Inputs

This 18.1" ColorVue Industrial Rack Mount flat panel display is more economically priced than our DiamondVue Series but is ruggedly constructed to work in similar applications to DiamondVue. 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 rack mount that supports VGA to 1280 x 1024 resolutions*. This display is auto sync compatible with most PC's video standards and satisfy a wide variety of industrial control and man-machine interface applications.

SPECIFICATIONS:

<p>Display Size 18.1 Inch</p> <p>Panel Type TFT Active</p> <p>Resolution Capabilities VGA to SXGA*</p> <p>Pixel Format 640 x 480, 800 x 600, 1024 x 768, 1280 x 1024*</p> <p>Pixel Pitch .2805mm</p> <p>Active Display Area 14.135"(w) x 11.31"(h) 359.03mm x 287.27mm</p> <p>Viewing Angle Left / Right: 80/80 Degrees Up / Down: 80/80 Degrees</p> <p>Contrast Ratio 350:1</p> <p>Brightness 250 Nits</p> <p>Back Light 50,000 Hours Half Life</p>	<p>Colors Supported 16.7M</p> <p>Video Input Analog RGB 0.7-1V p-p / Digital</p> <p>Sync Separate H&V , Combined, SOG And Digital</p> <p>Input Connector HD15(F), DVI-I29Pin Optional: HD15 to 5BNC interface cable</p> <p>Power Source 90-264VAC Universal</p> <p>Temperature Operating: 0 to 50°C Storage: -20 to 60°C</p> <p>Humidity Operating: 10 to 95%NC Storage: 10 to 95%NC</p> <p>Altitude Operating: up to 10,000 ft Storage: up to 40,000 ft</p>	<p>Response Time T_R = 20ms typical (30 max) T_F = 30ms typical (40 max)</p> <p>Power Consumption 55 Watts (DPMS 3W)</p> <p>Rack Bezel Dimensions 18.98"(w) x 15.72"(h) or 9U 482.19mm x 399.26mm</p> <p>Depth Behind Panel 4.27" / 108.53mm</p> <p>Weight 23.2 lbs / 10.55 kg</p> <p>Rear Chassis Construction Aluminum</p> <p>Bezel Finish Black Powder Coat Steel</p> <p>Touchscreen Optional: Resistive, Capacitive or SAW</p> <p>Touch Interface Serial Optional: USB</p>
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*Supports all VESA standard video formats

OPTIONS:

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

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