



Solutions for Demanding Applications VarTech Systems Inc.

High Performance Industrial Flat Panels for Demanding Applications

FEATURES: **VT181W 18.1" DiamondVue Wall / Arm Mount Flat Panel**

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

This 18.1" ruggedized flat panel wall mount display 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.

SPECIFICATIONS:

Display Size

18.1 Inch

Panel Type

TFT Active

Pixel Pitch

.2805mm

Resolution Capabilities

VGA to SXGA*

Pixel Format640 x 480, 800 x 600,
1024 x 768, 1280 x 1024***Active Display Area**14.13" x 11.31"
359mm x 287mm**Viewing Angle**Left / Right: 80/80 Degrees
Up / Down: 80/80 Degrees**Contrast Ratio**

350:1

Brightness

300 Nits Typical

Back Light

50,000Hours Half Life

Colors Displayed

16.7M

Video InputAnalog 0.7V p-p / Digital,
NTSC / PAL**Sync**Separate H&V, Combined
SOG, Digital**Video Connector**HD15(F), DVI-I29 Pin,
RCA, Mini Din**Optional:**

HD15 to 5BNC Interface Cable

Power Source

90-264VAC Universal

Optional:12VDC Power Supply
24VDC Power Supply**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)**Power Consumption**

55 Watts (DPMS 3W)

Enclosure Dimension15.25"(h) x 17.75"(w)
387.4mm x 450.8mm**Depth Behind Panel**

3.0" / 76.2mm

Enclosure Construction

16 gauge Black Powder Coat Steel

Touchscreen**Optional:**

Resistive or Capacitive

Touch Interface

Serial

Optional:

USB

Weight

21.2 lbs. / 9.64 kg

OPTIONS:

*Supports all VESA standard video formats

12VDC Power Supply · 24VDC Power Supply · Resident 5BNC
Capacitive Touch · Resistive Touch · HD15 to 5BNC Interface Cable**VARTECH SYSTEMS INC.****www.vartechsystems.com****HEADQUARTERS**11529 Sun Belt Ct.
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