



VT181CHS



# Solutions for Demanding Applications VarTech Systems Inc.

## High Performance Industrial Flat Panels for Honeywell Applications

### FEATURES: VT181CHS

18.1" LCD Replacement for 19" Sony Monitors used  
in TDC3000 Universal Station Classic Furniture

- ◆ Bright Active Matrix TFT Display
- ◆ Maximum Resolution 1280 x 1024
- ◆ For use in Honeywell TDC3000 Universal Station Classic Furniture using EPDG or TPDG Graphics
- ◆ HD15
- ◆ AR / AG Protective Faceplate
- ◆ Interfaces directly to customer's existing Infra-red or a new Infra-red touchframe can be provided.

This 18.1" flat panel display is a large screen design to be used within TDC3000 Universal Station Classic Furniture using EPDG or TPDG Graphics as a replacement for 19" Sony monitors. 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

**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,

**Sync**

Separate H&V  
Combined, SOG, Digital

**Input Connector**

HD15(F)

**Power Source**

90-264VAC Universal

**Power Consumption**

55 Watts (DPMS 3W)

**Temperature**

Operating: 0 to 50°C  
Storage: -20 to 60°

**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 typical (25 max)  
T<sub>F</sub> = 15ms typical (25max)

**Touchscreen**

Interfaces directly to customer's  
existing Infra-red or a new Infra-  
red touchframe can be provided.

### OPTIONS:

\*Supports all VESA standard video formats

Touchscreen

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**HEADQUARTERS**

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