



Solutions for Demanding Applications
VarTech Systems Inc.

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

FEATURES: VT181CHE-IR

18.1" Specifically designed for use within TDC3000 Furniture using PDG Interlaced Graphics

- ◆ Bright Active Matrix TFT Display
- ◆ Maximum Resolution 1280 x 1024
- ◆ For use in Honeywell TDC3000 Universal Stations using PDG Interlaced Graphics
- ◆ HD15 and 5BNC Adapter Cable
- ◆ Connection for remote controls
- ◆ Infra-red Touchscreen

This 18.1" flat panel display is a large screen design to be used within TDC3000 Universal Station and Classic Furniture for interlaced PDG Graphics. 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. It is available in flush mount or with a mounting tray aide in future removal. This monitor mounts to the lower tier.

SPECIFICATIONS:

Display Size

18.1 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to SXGA*
 15-30kHz

Pixel Pitch

.2805 mm

Active Display Area

14.315"(w) x 11.308(h)
 359.04mm(w) x 287.23mm(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
 HD15 to 5BNC Adapter Cable

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_R = 15ms typical (25 max)
 T_F = 15ms typical (25max)

Bezel Outside Dimension

18.428"(w) x 14.484"(h)
 468.07mm(w) x 367.89mm(h)

Depth Behind Panel

4.638" / 117.60mm

Weight

Unit: 24 lb / 10.91 kg
 Shipping: 32 lb / 14.55 kg

Touchscreen

Infra-red

Accessory Kit

Slotted Bezel Inserts
 2-Vertical; 2-Horizontal
 AC Cord
 2-Chassis stops
 OSD Membrane Kit
 HD15 to DB9 Adapter Cable
 Optional Chassis Brackets

OPTIONS:

*Supports all VESA standard video formats

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