



VT181PTSRSS



Solutions for Demanding Applications VarTech Systems Inc.

High Performance Industrial Flat Panels For Indirect Sunlight Readable Applications

FEATURES: VT181PTSRSS

18.1" Transflective NEMA 4X Panel Mount

- ◆ Bright Active Matrix TFT Display
- ◆ Digital, Analog, NTSC Inputs
- ◆ VGA to SXGA Resolution Capabilities*
- ◆ HD15, DVI-I29 Pin, RCA, Mini Din
- ◆ Anti-Reflective Protective Faceplate
- ◆ Film Enhanced for Indirect Sunlight Readability

This 18.1" Transflective LCD display is designed to be placed in a variety of applications where the panel will be exposed to indirect sunlight. Transflective displays reflect the light eliminating the need for additional expensive backlights and brightens the screen in indirect sunlight without increasing power consumption. These displays are auto sync compatible with PC's video standards and satisfy a wide variety of industrial control and man-machine interface applications and are available in a variety of sizes.

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°
Up / Down: 80°/80°

Contrast Ratio

350:1 Typical

Brightness

Film Enhanced for Indirect
Sunlight Readability

Back Light

50,000 Hours Half Life

Colors Supported

16.7M

Video Input

Analog 0.7V p-p / Digital,
NTSC / PAL

Sync

Separate H&V
Combined, SOG, Digital

Input Connector

HD15(F), DVI-I29 Pin,
RCA, Mini Din

Optional:

Resident 5BNC
HD15 to 5BNC Interface Cable

Power Source

90-264VAC Universal

Optional:

12VDC
24VDC

Power Consumption

55 Watts (DPMS 3W)

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 (25max)

Bezel Outside Dimension

18.984"(w) x 14.313"(h)
482.60mm(w) x 363.5mm(h)

Cut Out Dimension

17.862"(w) x 14.582"(h)
453.69mm(w) x 370.38mm(h)

Depth Behind Panel

3.239" / 82.271mm

Stud Size & Screw Length

10-32 x 1/2"

Chassis Construction

16 gauge Stainless Steel

Chassis Construction

18 gauge Stainless Steel

Bezel Finish

Stainless Steel

Weight:

23 lbs / 10.5 kg

TouchScreen

Optional:
Capacitive

*Supports all VESA standard video formats

OPTIONS:

Capacitive Touchscreen · 12VDC Power Supply · 24VDC Power Supply
Resident 5BNC · HD15 to 5BNC Interface Cable

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