



Solutions for Demanding Applications VarTech Systems Inc.

High Performance Industrial Flat Panels for Indirect Sunlight Readable Applications

FEATURES: VT181WTSR 18.1" Transflective Flat Panel Display

- ◆ Bright Active Matrix TFT Display
- ◆ VGA to SXGA Resolution Capabilities*
- ◆ Anti-Reflective Protective Faceplate
- ◆ Analog and Digital Inputs
- ◆ HD15(F), DVI-I29 Pin, RCA, Mini Din
- ◆ 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 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

Pixel Pitch

.2805mm

Resolution Capabilities

VGA to SXGA*

Pixel Format

640 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°
Up / Down: 80°/80°

Contrast Ratio

350:1

Brightness

Film Enhanced for Indirect
Sunlight Readability

Back Light

50,000Hours Half Life

Colors Displayed

16.7M

Video Input

Analog 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 Dimension

15.25"(h) x 17.75"(w)
387.4mm x 450.8mm

Depth Behind Panel

3.0" / 76.2mm

Chassis Construction

18 gauge Stainless Steel

Bezel Finish

Black Powder Coated
Cold Rolled Steel

TouchScreen

Optional:
Capacitive

OPTIONS:

*Supports all VESA standard video formats

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

VARTECH SYSTEMS INC.

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