



19.0" VBOND SXGA Chassis Mount Display



VarTech Systems unique VBOND process seals either a top cover glass or touch screen directly to the face of the display bezel. This bonding process eliminates the air-gap between the display and the cover glass, vastly reducing reflective light, which causes visual washout of the display image. VBOND also enhances structural integrity by supporting the LCD assembly with the cover glass. The bond maintains perfect display uniformity while providing shock protection and elimination of fogging caused by trapped moisture accumulating in typical air gap assemblies.

FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ VBOND enhanced LCD screen
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din
- ◆ High Contrast Ratio
- ◆ Low Power Consumption
- ◆ Replacement for 18.1"
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch Systems
- ◆ VESA Compliant For Arm Mounting

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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SPECIFICATIONS

Display Size

19.0 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

.294mm (w) x .294mm (h)

Viewing Angle

Left / Right: 85°/85°
Up / Down: 85°/85°

Active Display Area

14.82" (w) x 11.85" (h)
376.32mm x 301.06

Contrast Ratio

500:1

Brightness

250 Nits

Backlight

50,000 Hrs Half Life

Colors Supported

16.8M

Video Input

Analog 0.7V p-p/ 75ohm, Digital
(NTSC / PAL)

Sync

TTL Separate H&V
Combined, SOG

Input Connectors

HD15(F), DVI-D Pin,
RCA, Mini-Din (S-Video)

Optional:

HD15(M) to 5xBNC(F) Interface Cable

Power Source

90-264VAC Universal

Optional:

+12VDC@2.5a

Power Consumption

35 Watts@ 115VAC

8 Watts Sleep Mode

Temperature

Operating: 0 to 50° C

Storage: -20 to 60° C

Optional:

Operating: -20°C or -40°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

Touchscreen

Optional:

Resistive or Capacitive

Touch Interface

Serial

Optional:

USB

OPTIONS

- Capacitive Touch
- Resistive Touch
- +12VDC
- +24VDC
- Integrated Heaters & Thermostat for extended Operational Temperature -20°C
- Transparent Thermal Heaters for -40°C Operational Temperature
- Private Label for OEM/VAR Applications
- ITO Glass for Heater or EMI
- Automatic Dimming Sensor
- Manual Full-Range Dimming