



19.0" VBOND AutoSync Low Scan Rack Mount Flat Panel



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.

SPECIFICATIONS

FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ VBOND enhanced LCD screen
- ◆ Protective Faceplate
- ◆ High Brightness and Wide Viewing Angles
- ◆ Specially designed for Low Scan Signals
- ◆ Automatic Image Size Adjustment
- ◆ TTL, Analog & Interlaced Signals accepted
- ◆ Rugged Metal Construction with Good Stability
- ◆ HD15(F), 5BNC (SOG) and D9

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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Display Size

19.0 Inch TFT Active

Panel Type

TFT Active

Resolution Capabilities

CGA, EGA 640 x 480 to
1280 x 1024

Scan Frequency

Horizontal: 15.625-64kHz
Vertical: 50-75Hz

Pixel Pitch

.098(h) x .294(v)

Active Display Area

14.82" x 11.85"
376.32mm x 301.06mm

Viewing Angle

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

Contrast Ratio

500:1

Brightness

250 Nits Typical

Back Light

50,000Hours Half Life

Front User Controls

5 Position Membrane OSD

Colors Displayed

16M

Video Input

Analog RGB 0.7-1.0V p-p orTTL>2.75V
p-p

Sync:

Separate H&V (±ve) TTL or
Composite (-ve) TTL or
Sync on Green (-ve) 0.3V

Video Input Connector:

HD15(F), 5BNC and D9

Power Source

90-264VAC Universal

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

Power Consumption

50 Watts

Dimensions

18.98"(w) x 15.72"(h)

482.1mm x 399.3mm

Depth

3.27" / 83 mm

Weight

54 lbs

Chassis Construction

16 gauge Stainless Steel

Case Finish

Black Powder Coated

Touch Screens

Resistive

Capacitive

Touch Interface

Serial

Optional

USB

OPTIONS

- Resistive & Capacitive Touch w/ Serial or USB
- 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