



19.0" Xtreme Rugged Military Grade VESA Mount



The VESA mount rugged LCD flat panel is adaptable to extreme environments. The display has the ability to withstand harsh ambient environments, has enhanced shock and vibration safeguards.

The VT190WX comes standard with optically bonded chemically strengthened front protective glass for added Shock & Vibration protection and reduced solar reflectivity.

FEATURES

- ◆ Bright TFT Display
- ◆ Optically bonded chemically strengthened front protective glass
- ◆ Manual Full-Range Dimming
- ◆ Conformal Coating of all internal circuit boards
- ◆ Integrated heaters for extended temperatures
- ◆ HD15(F), DVI-D Pin, RCA, Mini-Din
- ◆ Optional Touch Systems: Resistive and Capacitive
- ◆ Front or Rear Controls
- ◆ VGA to SXGA
- ◆ VESA Compliant For Arm Mounting

*Supports all VESA standard video formats

CONTACT

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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: 89°/89°
Up / Down: 89°/89°

Active Display Area
14.82" (w) x 11.85" (h)
376.32mm x 301.06

Contrast Ratio
500:1

Brightness
250 Nits, with full-range manual dimming
Optional: Actively enhanced panel for readability in high ambient light conditions

Backlight
50,000 Hrs Typical

Colors Supported
16.8M

Video Input
Analog 0.7V p-p/ 75ohm, Digital

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
Connector: Amphenol, Bayonet Mating, Meets MIL-C-5015
+12VDC@2.5a
Optional:
90-264VAC Universal
+24VDC
18-30VDC

Power Consumption
35 Watts@ 115VAC
8 Watts Sleep Mode

Temperature
Operating: -20 to 50° C
(Optional Operating: -40° C, +55° C)
Storage: -20 to 60° C

Humidity
Operating: 10 to 95% NC
Storage: 10 to 95% NC

Shock
MIL-STD-901D*

Vibration
MIL-STD-167*

Drip Proof
MIL-STD-810E*

Sand Dust
MIL-STD-810E*

Dimension
17.75" x 15.25"
450.8mm x 387.4mm

Bezel Finish
Black Powder Coat Finish
Aluminum Bezel

Depth
3.19" / 81mm

Touch Screen
Optional:
Resistive or Capacitive

Touch Interface
Serial
Optional:
USB

*Designed to Meet

Marks of Conformity:

FCC47 CFR part 15, subpart B
EMC: EN 55022:2006, EN 55024:1998, CISPR 22:2005, CISPR 24:1997
Canada: ICES-003
Australia/New Zealand: AS/NZS CISPR 22
CE
RoHS
WEEE



OPTIONS

- Fully Enclosed Housing (coming soon)
- Rear tactile OSD controls
- Transparent Heaters for -40° C Operation
- Automatic Dimming Sensor
- Capacitive Touch or Resistive Touch
- HD15 to 5BNC adapter cable