



10.4" Xtreme Rugged Military Grade VESA Mount



The VESA mount 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 VT104WX comes standard with optically bonded chemically strengthened front protective glass for added Shock & Vibration protection and reduced solar reflectivity.

SPECIFICATIONS

FEATURES

- ◆ Bright TFT Display
- ◆ Optically bonded chemically strengthened protective glass
- ◆ Manual Full-Range Dimming
- ◆ Conformal Coating of all internal circuit boards
- ◆ Integrated heaters for extended operational temperature capabilities
- ◆ Front or Rear Controls

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



*Supports all VESA standard video formats

Display Size

10.4 Inch

Panel Type

TFT Active

Resolution Capabilities

SVGA

Pixel Format

800 x 600

Pixel Pitch

.264mm(w) x .264mm (h)

Active Display Area

8.315" (w) x 6.236" (h)
211.2mm(w) x 158.4mm(h)

Viewing Angle

Left / Right: 70°/70°
Up / Down: 50°/60°

Contrast Ratio

500:1 Typical

Brightness

400 Nits Typical, with manual full-range dimming

Optional: Actively enhanced panel for readability in high ambient light conditions

Backlight

50,000 Hours Typical

Colors Supported

262,144 (optional 16.7M)

Input Connectors

HD15(F), RCA (NTSC/PAL),
5 Pin Mini Din (S-Video)

Optional:

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

Video Input

Analog 0.7V p-p/75 ohm,
NTSC/PAL

Sync

TTL Separate H/V
Combined, SOG

Power Source

**Connector: Amphenol, Bayonet Mating,
Meets MIL-C-5015**

12VDC @ 1.6A

Optional:

90-264VAC Universal
+24VDC
18-30VDC

Power Consumption

20Watts @ +12V
4Watts 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

EMI /RFI

Optional:
MIL-STD-461E*

Shock

MIL-STD-901D*

Vibration

MIL-STD-167*

Drip Proof

MIL-STD-810E*

Sand Dust

MIL-STD-810E*

Altitude

Operating: up to 10,000 ft
Storage: up to 40,000 ft

Dimensions

11.750" (w) x 9.50" (h)
298.5mm(w) x 241.3mm(h)

Depth

2.362" / 60mm

Weight

Unit: 7.2 lbs / 3.27kg
Shipping: 30 lbs / 13.64 kg

Bezel Finish

Black Powder Coat Finish
Aluminum Bezel

Touchscreen

Optional:
Resistive or Capacitive

Touch Interface

Serial

Optional:
USB

*Designed to Meet

CONTACT

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OPTIONS

- Fully Enclosed Housing (coming soon)
- Transparent Heaters for -40°C Operation
- Capacitive Touch or Resistive Touch
- 90-264 VAC Universal Brick Power Supply
- 24VDC @ 0.50A
- HD15 to 5BNC Interface Cable
- Automatic Dimming Sensor
- Rear tactile OSD controls
- Armor Touch