



TEMPEST Level I, Level II and Zone 19" LCD Display

Product Data

Model - DMT-112 (Level I), DML-112 (Level II) and DMZ-112 (Zone A)

Description

API's TEMPEST business class 19" Color LCD display is based on the NEC MultiSync LCD195VX+ and meets TEMPEST Level I, Level II and Zone standards. The enhanced screen performance features contrast ratios as high as 700:1 (typical) brightness quality up to 270 cd/m² and outstanding LCD monitor front-of-screen visual performance. Rapid Response™ technology provides for lifelike full-motion video display without distortion at response times as swift as 5ms. The height adjustable stand adds flexibility and comfort to your viewing preferences.



Features

- Certified to NSTISSAM TEMPEST/1-92 Level I, Level II, Zone and NATO SDIP-27 A & B standard (formerly AMSG 720B & AMSG 788A)
- The thin dimension of the 19" API LCD display maximizes desktop space, making it the perfect choice for any application
- Rapid Response™ delivers uninterrupted video
- Industry leading three-year warranty



HEADQUARTERS - UNITED STATES

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TEMPEST Level I, Level II and Zone 19" LCD Display

Specifications

Model - DMT-112 (Level I), DML-112 (Level II) and DMZ-112 (Zone A)

Display

Viewable Image Size 19"
 Pixel Pitch 0.294mm
 Pixels Per Inch 86 @ native resolution
 Brightness (typical) 270 cd/m²
 Contrast Ratio (typical) 600:1
 Viewing Angle (typical) 170° Vert., 170° Hor. (85U/85D/85L/85R)
 Response Time (typical) Rapid Response (5ms)
 Display Colors More than 16 million

Synchronization Range

Horizontal 31.5-81.1 kHz (Analog/Digital)
 Vertical 56-76 Hz

Input Signal

Video Analog 0.7 Vp-p / 75 Ohms
 Sync. Separate Sync: TTL Level (positive/negative)

Resolutions Supported

720 x 400 @ 70 Hz
 640 x 480 @ 60-75 Hz
 800 x 600 @ 56-75 Hz
 832 x 624 @ 75 Hz
 1024 x 768 @ 60-75 Hz
 1152 x 864 @ 70-75 Hz
 1152 x 870 @ 75 Hz
 1280 x 960 @ 60-75 Hz
 1280 x 1024 @ 60-75 Hz

Native Resolution 1280 x 1024 @ 60 Hz

Additional Features

Thin-frame (bezel), height-adjustable stand, tilt, No Touch Auto Adjust, AccuColor color control, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSD user controls, ISO 13406-2 Class II, Windows Vista-compliant

Voltage Rating AC 100-120V / AC 220=240V

Power Consumption

On 37W
 Power Savings Mode <2W

Connector

Video

Physical Specifications w/stand

Dimensions (W x H x D) 16 x 15.2-17.2 x 9.4 in. (405.5 x 385.8-435.8 x 240mm)
 Weight 14.2 lbs. / 6.44 kg

Operating Environment

Temperature
 Operating 5-35°C / 41-95°F
 Storage -10-60°C / 14-140°F

Humidity

Operating 10-80%
 Storage 10-85%

Altitude

Operating 3048m / 10,000 ft.
 Storage 12,192m / 40,000 ft.

Warranty

3-year on parts and labor

Advanced Programs, Inc. is an NSA-endorsed test services facility and an NSA-endorsed TEMPEST manufacturing facility.

Technical Specifications are subject to change without notice. U.S.A. export controls apply to these products.

E & OE - 9/8/10

Realted Products

TEMPEST Workstations
 TEMPEST B/W and Color Printers



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