



TEMPEST Level I, Level II and Zone 23" LCD Display

Product Data

Model - DMT-115 (Level I), DML-115 (Level II) and DMZ-115 (Zone A)

Description

API's business class 23" Color LCD DMT-115 monitor meets NSTISSAM TEMPEST / I-92 Level I, Level II, Zone and NATO SDIP-27 A & B Standards. API has developed this desktop display that combines cutting-edge technologies with dynamic design accents, giving you the ability to increase your productivity while adding a modern flair to your desktop. The DMT-115 display touts flexibility for any number of applications and environments and meets the diverse needs of businesses of all kinds. In addition to meeting TEMPEST standards, it's also easy to be green. The DMT-115 is loaded with features that promote environmental consciousness, including: two-step ECO Mode, three-step auto brightness, Intelligent Power Manager (IPM), an off timer for further energy savings and a resettable carbon footprint meter for tracking the conservation of green gas emissions.

Features

- Height-adjust, pivot, tilt and swivel capabilities add flexibility and comfort to your viewing preferences
- Ambient light sensor automatically adjusts the backlight and power management depending on the ambient lighting brightness
- ECO Mode helps save power, reduce heat and extend the life of the display by allowing the user to dim the backlight
- 5-setting Dynamic Video Mode enhances video and images with real-time optimization of brightness, color and contrast
- Resettable carbon footprint meter helps track and calculate the reduction of green gas emissions
- Intelligent Power Manager (IPM) system and off timer provide innovative power-saving methods and reduce CO2 emissions by shifting to a lower power consumption level or automatically powering down when the monitor is on but not in use
- NaViSet™ software offers an expanded and intuitive interface, allowing you to more easily adjust display settings via mouse and keyboard
- Energy Star 5.0 and TCO 5.0 OEM compliance reduce electrical costs and lowers total cost of ownership
- EPEAT OEM compliance ensures the displays reduce hazardous waste and electricity usage, resulting in lower energy costs and increased protection for the environment
- API's quality and reliability provide peace of mind with an industry leading 3-year warranty and unrivaled customer service and technical support





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Specifications

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Viewable Size 23 inch diagonal
 Pixel Pitch 0.265mm
 Pixels Per Inch 96 @ native resolution
 Brightness (typical) 270 cd/m²
 Contrast Ratio (typical) 1000:1 (3000:1 dynamic)
 Viewing Angle (typical) 178° Vert., 178° Hor.
 Response Time (typical) Rapid Response (14ms)
 Display Colors More than 16.7million

Synchronization Range

Horizontal 31.5-83.1KHz (Analog/Digital)
 Vertical 56-75Hz (Analog/Digital)

Input Signal

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

Inputs VGA 15-pin D-Sub

Resolutions Supported

Analog
 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 870 @ 75 Hz
 1280 x 1024 @ 60-75 Hz
 1400 x 1050 @ 60 Hz
 1440 x 900 @ 60 Hz
 1920 x 1080 @ 60 Hz

Native Resolution 1920 x 1080 @ 60 Hz
 Voltage Rating AC 100-120V /AC 220-240V

Physical Specifications

Dimensions (W x H x D) 21.7 x 14.9 - 19.3 x 8.7 in.
 Dimensions without Stand 21.7 x 13 x 2.8 in.
 Display Weight 18.7 lbs./8.5 kg w/stand

Environmental Conditions

Operating
 Temperature 5-35°C/41-95°F
 Humidity 20-80%
 Altitude 2000m/6562 ft.

Storage

Temperature -10-60°C/14-140°F
 Humidity 10-85%
 Altitude 12,192m/40,000 ft.

Power Consumption

On (w/ USB + audio) 43W
 Power Savings Mode <1W
 ECO Mode ON (with USB & Audio) 28W
 ECO Mode ON (without USB & Audio) 22W

Additional Features & Options

3-step auto brightness (ambient sensor), thin-frame (bezel), widescreen format, integrated speakers,height-adjustable stand (110mm), pivot, tilt, swivel, off-timer, cable management, AccuColor color control, digital smoothing, digital controls, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS OSD user controls, ISO 9241-307, Windows Vista Premium-certified, Dynamic Video Mode, HDCP, 2-step ECO Mode, carbon footprint meter, EPEAT, Energy Star 5.0, lead-free, RoHS-compliant, TCO 5.0, carrying handle

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 - 6/7/10



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