



TEMPEST Level I, Level II and Zone Rackmount KVM Console

Product Data

Model - DHT-108 (Level I), DHL-108 (Level II) and DHZ-108 (Zone A)

Description

The API TEMPEST Rackmount KVM Console consists of three units; the monitor drawer, keyboard/pointing device, and monitor.

Monitor Drawer

The Monitor Drawer securely integrates your flat panel monitor and keyboard into a 19" rack-mount frame system. The Monitor Drawer stores the flat panel monitor folded down horizontally, ready to be pulled out for viewing. It only requires 2U of rack space. The monitor drawer accommodates (VESA) FPMPMI compliant flat panel monitors. Cables are safely routed through an integrated cable management system.

Keyboard/Pointing Device

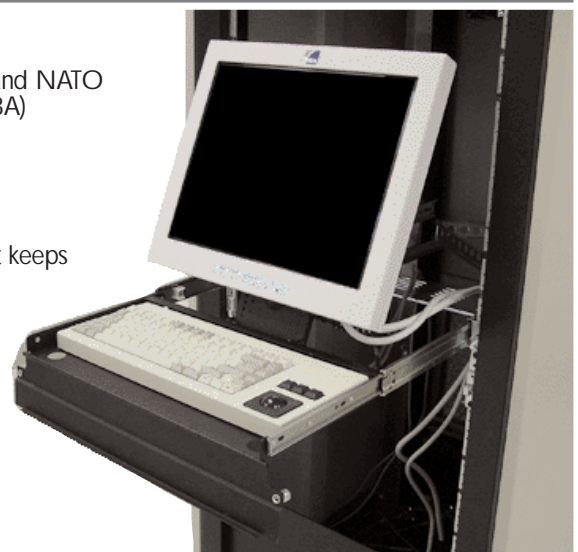
The Keyboard/Pointing Device is an Industrial Non Backlit Table Top Keyboard with PS2 interfaces and a 1 3/8" Trackball. It's Ruggedized/Militarized design withstands the rigors of even the most hostile and demanding industrial and military environments.

Monitor

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.

Features

- Certified to NSTISSAM TEMPEST/1-92 Level I, Level II, Zone and NATO SDIP-27 A & B standard (formerly AMSG 720B & AMSG 788A)
- 2U High 19" rack mount - TEMPEST and Zone
- Steel construction for long-lasting durability
- Cables are easily routed through articulating cable channel that keeps them organized and safe
- Mounts to front rails only - does not require attachment to rear rails
- 19" LCD display, flips up for usage and down for storage
- 1 3/8" (34.9mm) ball/three-button mouse
- Electronics, switch actuators, optical sensors and internal connectors protected from contamination





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Specifications

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Ergotron Rack

Physical Specifications

Dimensions
Height (2U) 3.5 inches (8.89 cm)
Width 19 inches
Depth 25 1/2 inches
Weight 23 lbs

19" LCD Monitor

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.

Keyboard

Keyboard Full Travel (0.150"/3.81mm), >100 million cycles;
Trackball - MicroTravel, >10 million cycles
Height 1.46 inches (3.7 cm)
Width 16.92 inches (42.9 cm)
Depth 8.56 inches (21.7 cm)
Weight 5.4 lbs. (2.5 kg)

Operating Environment

Temperature
Operating -20°C (-4°F) to +70°C (+158°F)
Non-Operating -40°C (-4°F) to +70°C (+158°F)

Humidity Standard: 0 to 95% RH, non-condensing
Optional Humidity Standard: 0 to 100% RH, condensing
EMI/RFI Designed to meet MIL-STD-461

Altitude +35,000 feet (+10,000 m)
Shock Standard: MIL-STD-810, 50g Optional: MIL-STD-901, +100g
Vibration MIL-STD-810, 5g, 4 to 33 Hz

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

1/30/08

