



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/touchpad 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/Touchpad

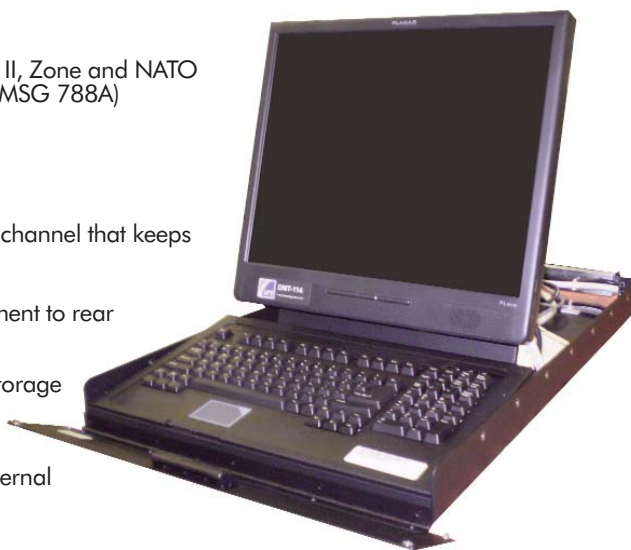
The Keyboard is an Industrial Non Backlit Table Top Keyboard with PS2 protocol and Touchpad. It's Ruggedized/Militarized design withstands the rigors of even the most hostile and demanding industrial and military environments.

Monitor

Business class 19" Color LCD display that meets TEMPEST Level I, Level II and Zone standards. The enhanced screen performance features contrast ratios as high as 1000:1 (typical) brightness quality up to 300 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
- Keyboard & touchpad
- Electronics, switch actuators, optical sensors and internal connectors protected from contamination





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Specifications

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Physical Specifications

Dimensions	
Height (2U)	3.5 inches (8.9 cm)
Width	19 inches (48.3 cm)
Depth	31 inches (78.7 cm)
Weight	.23 lbs (10.43 kg)

19" LCD Monitor

Display

Viewable Image Size	19"
Pixel Pitch	0.294mm
Pixels Per Inch	86 @ native resolution
Brightness (typical)	270 cd/m ²
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

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;
	Touchpad
Height	1.46 inches (3.7 cm)
Width	16.92 inches (42.9 cm)
Depth	8.56 inches (21.7 cm)
Weight	.54 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 - 10/21/11

