DATA SHEET

KVT617A

SERVVIEW HD KVM TRAY

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM





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INTRODUCTION

Control multiple servers in your equipment rack or network with the Black Box ServView HD KVM Tray. The unit combines a 17.3" LED-backlit display, keyboard, and touchpad in only 1U of rack space. With built-in USB, HDMI, DisplayPort, and VGA interfaces, it can support a variety of KVM switches for multiple server management. The rack console drawer also provides an extra loop-through for local console. It's perfect for the administration of servers in data centers, server rooms, and labs.

FEATURES

- Uses a power-saving LED backlit 17.3-inch LCD panel, screen width 16:9
- Supports USB, VGA, DisplayPort, and HDMI connections, so you can choose your video interface
- Front USB Hub supports USB HID (KB/MS) and storage devices
- Delivers a video resolution of up to 1920 x 1080 at 60 Hz, 1080p, so you experience crisp, clear, viewing

FEATURES (CONTINUED)

- LCD supports 300 cd/m2 brightness for use in dark server rooms
- For even more clarity, view the screen at a 70 x 70 degree horizontal/vertical angle
- Display stays in the desired "opening angle" and automatically turns the video off when you fold the frame down below a 30-degree angle to protect the screen lifetime
- Features a 12 V, 5.42-A integrated power supply
- Fits racks/cabinets 20.5 to 35.8 inches (52 to 91 cm) deep
- Easily swap out the keyboard/touchpad module out to support various languages, including English, German, French, Japanese, and others in demand
- Local console for intended extending console, USB Keyboard/mouse, videos: HDMI/DP/VGA
- One person easy installation
- OSD buttons on front panel dedicated to required functionality

SPECIFICATIONS

SERVVIEW HD KVM TRAY	SPECIFICATIONS		
FORM FACTOR	1U rack mounting on slide-out rails		
DIAGONAL SIZE	17.3" TFT		
NATIVE RESOLUTION	1920 x 1080		
PANEL TYPE	Active Matrix TFT LCD with LED backlight unit		
PIXEL PITCH	0.1989 (H) x 0.1989 (V)		
BRIGHTNESS (CD/M ²)	300		
COLOR SUPPORT	262 K		
CONTRAST RATIO (TYP.)	650:1		
VIEWING ANGLE	70° x 70°		
DISPLAY AREA (MM)	380 x 215		
KEYBOARD/MOUSE	104 keyboard/touchpad or US keyboard		
DDC COMPATIBLE	DDC, DDC2, DDC2B		
CONNECTORS	Server Console Ports: (1) USB Type B, (1) VGA, (1) DisplayPort, (1) HDMI Local Console Ports: (2) USB Type A, (1) VGA, (1) DisplayPort, (1) HDMI		
POWER INPUT	Autosensing, 100 to 240 VAC, 50/60 Hz		
POWER OUTPUT	12 VDC, 5.42 A		
OPERATING SYSTEM	Windows®/Linux®/Sun® Microsystems		
TEMPERATURE TOLERANCE	ATURE TOLERANCE Operating: 32 to 104° F (0 to 40° C) Storage: 23 to 140° F (-5 to 60° C)		
RELATIVE HUMIDITY	5 to 90%, non-condensing		
DIMENSIONS	1.7" H x 17" W x 20.7" D (4.3 x 43.4 x 52.6 cm)		
WEIGHT	23.37 lb. (10.6 kg)		
APPROVALS	FCC, CE		

PHOTO/WHAT'S INCLUDED/SPECIFICATIONS

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WHAT'S INCLUDED WITH THE KVT617A

- (1) KVM TRAY
- (1) U.S. KEYBOARD

S/N	PIXEL FORMAT	REFRESH RATE	HORIZONTAL FREQUENCY	PIXEL FREQUENCY	REMARK
1	640 x 350	70.1 Hz	31.5 kHz	25.175 MHz	Industry
2	640 x 480	50 Hz	24.6 kHz	19.6 MHz	UEFI/BIOS
3	640 x 480	59.9 Hz	31.5 kHz	25.175 MHz	VESA
4	640 x 480	72.8 Hz	37.9 kHz	31.500 MHz	VESA
5	640 x 480	75.0 Hz	37.5 kHz	31.500 MHz	VESA
6	720 x 400	70.1 Hz	31.5 kHz	28.322 MHz	MGA Text Mode
7	800 x 600	50 Hz	31.0 kHz	31.7 MHz	UEFI/BIOS
8	800 x 600	56.3 Hz	35.2 kHz	36.000 MHz	VESA
9	800 x 600	60.3 Hz	37.9 kHz	40.000 MHz	VESA
10	800 x 600	72.2 Hz	48.1 kHz	50.000 MHz	VESA
11	800 x 600	75.0 Hz	46.9 kHz	49.500 MHz	VESA
12	1024 x 768	50 Hz	39.7 kHz	52.0 MHz	UEFI/BIOS
13	1024 x 768	60.0 Hz	48.4 kHz	65.000 MHz	VESA
14	1024 x 768	70.1 Hz	56.5 kHz	75.000 MHz	VESA
15	1024 x 768	75.0 Hz	60.0 kHz	78.750 MHz	VESA
16	1152 x 864	75.0 Hz	67.5 Hz	108.000 MHz	VESA
17	1280 x 720	50 Hz	37.7 kHz	62.1 MHz	UEFI/BIOS
18	1280 x 720	60.0 Hz	45.0 kHz	74.250 MHz	VESA
19	1280 x 960	60.0 Hz	60.0 kHz	108.000 MHz	VESA
20	1280 x 1024	60.0 Hz	64.0 kHz	108.000 MHz	VESA
21	1280 x 1024	75.0 Hz	80.0 kHz	135.000 MHz	VESA
22	1360 x 768	60.0 Hz	47.7 kHz	85.500 MHz	VESA
23	1366 x 768	60.0 Hz	47.7 kHz	85.500 MHz	VESA
24	1440 x 900	60.0 Hz	55.9 kHz	106.500 MHz	VESA
25	1600 x 900	60.0 Hz	60.0 kHz	108.000 MHz	VESA (RB)
26	1600 x 1200	60.0 Hz	75.0 kHz	162.000 MHz	VESA
27	1680 x 1050	60.0 Hz	65.3 kHz	146.250 MHz	VESA
28	1920 x 1080	50 Hz	56.4 kHz	124.0 MHz	UEFI/BIOS
29	1920 x 1080	60 Hz	67.5 kHz	148.500 MHz	VESA

ORDERING INFORMATION

ITEM	CODE
ServView HD KVM Tray, DP, HDMI, VGA, US Power Cord	
U.S. Keyboard	KVT617A

ABOUT BLACK BOX

Black Box is a world leading technology solutions provider specializing in complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to delivering superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations.

Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

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