

DATA SHEET

KVT617A

SERVVIEW HD KVM TRAY

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



OVERVIEW

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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 | 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

SUPPORTED TIMING TABLE (RESOLUTION SUPPORT)

| 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 kHz | 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 |

