

## SMK-580 KVM Rack Console Switch

Keyboard Video Mouse Switch with Flip-up Flat Panel LCD, Pull-out Keyboard Tray

### Features

- » Keyboard video mouse switch rack console.
- » Integrated auto-scan, hot-pluggable 8-port KVM switch.
- » 200 MHz bandwidth, high quality video switching supporting up to SXGA (1280x1024) resolution.
- » Fold-down flat panel LCD.
- » Easy access control buttons for KVM switch and LCD on-screen-display menu.
- » Ball-bearing slideout keyboard tray with 23.23" to 36.75" adjustable extension mounting brackets.
- » One rack unit height.
- » Complete with 8 sets of KVM cables.
- » Available with 17" SXGA LCD panel or 15" XGA LCD panel.

### Single Point Server Management

The SMK-580 series KVM rack console switch combines a flat panel LCD monitor, keyboard and touchpad mouse in a single functional unit. Its clamshell design uses a flip-up TFT monitor to save valuable rack space. And since in a typical data center, server racks consist of several different computer systems, it is important that they can be administered from a central console. This is where the console switch can prove invaluable, since it enables the keyboard, mouse and monitor to be switched between the various individual computers.

The SMK-580 series 8-port KVM console switch is a convenient solution for controlling multiple computers. This single unit combines a 8-port KVM switch, keyboard, 17" or 15" LCD monitor and touchpad — all in a mere 1U of rack space. The KVM console switch lets you control up to 120 PCs or servers by daisy-chaining additional 16-port KVM switches. The switch supports hot plugging of systems and features auto-scanning of connected systems and systems on daisy chained installations. It has an 8-character password security feature that ensures only authorized users can view and control connected PCs or servers. The convenient and easy-to-operate KVM switch controls all ports using hotkeys or the mouse-driven OSD (On-Screen Display) menus.

The console switch is mounted on slide rails so you can easily pull out the unit from your equipment rack. The keyboard tray slides out for LCD and keyboard access and remain hidden when not in use. The high quality LCD monitor displays crisp and bright text and images on-screen. The LCD's lower power consumption and EMI free technology makes it ideal for industrial applications. An on-screen display (OSD) menu using four control buttons let's you adjust the display for optimum viewing.

The entire LCD monitor keyboard drawer is constructed of metal for ruggedness. The slide-out keyboard tray is shipped with ball-bearing slide rails already attached to the unit. Rack mounting brackets can be extended from 23.23" up to 36.75" accomodating a wide range of equipment racks with different depth.

### High Level of Compatibility

The KVM switch supports operating systems such as DOS, Win3.x, Win95/98/2000/ME/XP, WinNT, Netware, SCO Unix, HP Unix, Linux. Pointing devices compatible with Microsoft Mouse are supported.



# SMK-580 KVM Rack Console Switch

## Technical Specifications

### Physical Specifications

<i>Chassis</i>	Slide-out rack console with LCD monitor, keyboard, KVM switch.
<i>Mounting Options</i>	Rugged metal construction slide-out rackmount drawer. Flip-up LCD monitor.
<i>Form Factor</i>	Rackmountable 1 rack unit high slide-out tray.
<i>Electrical and Power</i>	50W autosensing AC power supply.
<i>External Controls</i>	Front bezel OSD menu controls for LCD contrast, brightness, image position, color temperature, language, focus.
<i>I/O Connectors</i>	8-port KVM switch control buttons, daisy-chained slave unit control button. 8 sets of D-Sub 15-pin VGA connector and Mini-DIN 6-pin keyboard mouse connectors for switched computers' keyboard video and mouse; 1 D-Sub 15-pin VGA, 2 6-pin Mini-DIN connectors for daisy-chained slave unit.
<i>Dimensions</i>	19.0" (W) x 1.75" (H) x 23.23" (D)
<i>Weight</i>	35.5 lbs. (55 lbs. shipping weight with all included accessories),

Rear mounting brackets extends to 36.75" via adjustable extension piece.

### Flat Panel LCD Specifications

<i>Display Type</i>	Active matrix TFT LCD. Protected by anti-glare tempered glass.	
<i>Display Size</i>	17-inch screen (measured diagonally).	15-inch screen (measured diagonally).
<i>Resolution</i>	1280 x 1024 optimum resolution (SXGA).	1024 x 768 optimum resolution (XGA).
<i>Color Depth</i>	24-bit color depth (16 million colors).	24-bit color depth (16 million colors).
<i>Contrast Ratio</i>	450:1	350:1
<i>Viewing Angles</i>	160/160 (vertical/horizontal)	120/120 (vertical/horizontal)
<i>LCD Backlight MTBF</i>	50,000 hours @ 25±5 °C	50,000 hours @ 25±5 °C
<i>Input Signal</i>	Analog RGB, VGA ~ SXGA	Analog RGB, VGA ~ XGA
<i>Vertical Sync</i>	60 ~ 70Hz	60 ~ 75Hz

### KVM Switch

<i>Switchable Ports</i>	8 hot-pluggable ports without powering down the KVM switch for PCs.
<i>Maxium No. of Connected PCs</i>	8 level of daisy-chain for up to 120 PCs using 16-port KVM switches.
<i>Supported OS</i>	DOS, Win 3.X, Win 95/98/98SE/2000/ME/XP, WinNT, Netware, SCO Unix, HP Unix, Linux.
<i>Supported Video Modes</i>	200 MHz bandwidth supporting up to 1280 x 1024 @ 60Hz vertical sync.
<i>Scanning Modes</i>	5 - 99 seconds auto-scan. System search via server name.
<i>Operator Interface</i>	Easy system selection via on-screen menu.
<i>Security</i>	8-character password.

### Environmental, Safety

<i>ESD/EMI/EMC/Safety</i>	UL, CE, FCC Class B.
<i>Operating Temperature</i>	32 ~122 °F
<i>Storage Temperature</i>	-40 ~158 °F