

## DMK-590 Dual Rail 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 16-port KVM switch.
- » 200 MHz bandwidth, high quality video switching supporting up to SXGA (1280x1024) resolution.
- » Dual slide rail design allows independent extraction of panel and keyboard.
- » Fold-down flat panel LCD, 17" SXGA resolution @ 1280 x 1024 optimum resolution.
- » Easy access control buttons for KVM switch and LCD on-screen-display menu.
- » Ball-bearing slideout keyboard tray with 24.6" to 38" extension mounting brackets.
- » One rack unit height.
- » Complete with 16 sets of KVM cables.
- » Available with 17" SXGA LCD panel.

### Single Point Server Management

The DMK-590 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. The DMK-590 16-port KVM console switch is a convenient solution for controlling multiple computers. This single unit combines a 16-port KVM switch, keyboard, 17" LCD monitor and touchpad — all in a mere 1U of rack space. The KVM console switch lets you control up to 128 PCs or servers by daisy-chaining additional 16-port KVM switches. The DMK-590 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 two sets of slide rails so you can easily pull out the unit from your equipment rack. The dual-rail design represents an intelligent use of rack space. Essentially, slide rails are attached to the LCD and keyboard allowing each component to slide in and out of the rack independent of the other. With this approach, the operator can hide the keyboard while still allow the LCD to remain displayed, even if the rack door is closed. It also gives an additional level of server management security by having the keyboard hidden to prevent unauthorized access.

The high quality 17 inch SXGA resolution LCD monitor displays crisp and bright text and images on-screen. And with its 450:1 contrast ratio, you'll be able to distinguish the subtle shades of color or gray in your graphics images. 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.

### 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.



# DMK-590 Dual Rail KVM Rack Console Switch

## Technical Specifications

	<i>Physical Specifications</i>	
<i>Chassis</i>	Slide-out rack console with LCD monitor, keyboard, KVM switch.	Dual slide rail for panel and keyboard enables independent extraction of each component.
<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.	Rear mounting brackets extends to 38" via adjustable extension piece.
<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>	16-port KVM switch control buttons, daisy-chained slave unit control button. 16 D-Sub 15-pin 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 23.5" (D)	
<i>Weight</i>	30 lbs. (60 lbs. shipping weight with all included accessories),	

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

	<i>KVM Switch</i>
<i>Switchable Ports</i>	16 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 128 PCs with 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.

	<i>Environmental, Safety</i>
<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
<i>Relative Humidity</i>	10% ~ 90% non-condensing.