Prima

USB-PS/2 Analog KVM Switches

Analog, USB/PS2, KVM switches for computer and server management in corporate, factory as well as in campus computing environments

Quality and Compatibility: PRIMA switches support all VGA resolutions up to 2048x1536@60Hz. The perfect keyboard/mouse emulation ensures their compatibility with all machines and operating systems. They support all Microsoft and Logitech standard 5-key mice and compatibles.

Keep Alive System: One controller per port directly powered by the computer permits to keep the mouse and keyboard emulation alive even when the switch is not powered on. The servers will never lose their peripherals.

Easy Operating and Monitoring: PRIMA switches can be operated by using the front-panel push buttons, keyboard hotkeys and OSD menus. Numerical LED display and LED indicators provide a clear status monitoring.
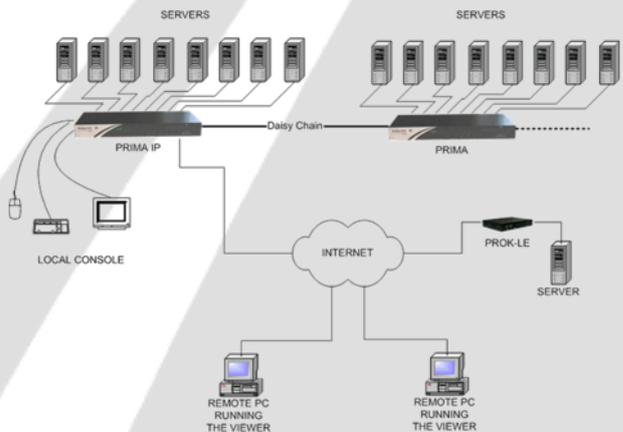
Password Protection: The access to the local console can be protected with a user ID/Password and an auto-logout timeout.

USB and PS/2 on all Interfaces: PRIMA KVM switches support both USB and PS/2 interfaces on both console and PC sides. This is especially useful when old computers with only PS/2 interfaces are cohabitating with newer computers only equipped with USB interfaces. We provide combo cables that permit to connect to PS/2 as well as USB computer ports.

OSD Menu: The active computer port and all commands and setup functions such as login, firmware upgrade and auto-scanning can be selected by intuitive OSD menus.

Auto Scanning: PRIMA can switch automatically from each computer to the next one into the daisy chain. Each computer is selected during a period of time that can be set up into the OSD menu from 5 to 95 seconds. The computers that are powered off are automatically skipped

Daisy Chaining: The stacking system is very different from the simple port cascade that most of competitor provides. It permits to maintain the same high video quality whatever how many devices are inter-connected. Up to eight PRIMA switches can be attached together, increasing the possible number of managed computers to 128. If the first switch of the daisy chain is a PRIMA IP model, all

attached computers can be controlled locally and remotely with a **secure SSL connection**. (Refer to **PRIMA IP** datasheet)

Metal Enclosure: PRIMA KVM switches are robust and durable. Their metal enclosure provides better shielding against electromagnetic interferences commonly seen in lab or factory environments. They are intended for corporate server rooms and industrial floors.

Firmware Upgrade: The firmware is stored in Flash memory and can be upgraded locally, by using a serial RS232 connection, or remotely, if a PRIMA-IP is driving the daisy chain. Thus, your investment on this KVM switch is further ensured and its lifetime value maximized.

Cable Assembly: Clean cable assemblies integrating VGA, PS/2 and USB attachments permit to connect the computers to the PRIMA ports. They are available in 1.8m, 3m, 5m and 10m lengths.

Delivery: PRIMA KVM switches are delivered with all their accessories (power adapter, daisy-chain cable and rack mount kit).

Warranty and Technical Support: PROSUM provides one-year warranty and free technical support.
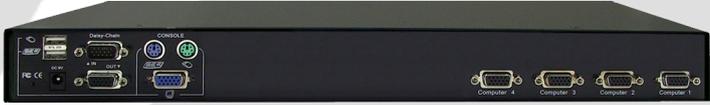
PROSUM Networking Products

Technical Specifications

Computer Ports:	4 / 8 / 16 ports, according to the model One controller per port powered by the computer interface
Computer Port Connectors:	HDB15-pin Male + special cable assembly providing VGA, PS/2 and USB mouse and keyboard connectors
Local Console Port:	One port supporting USB and PS/2 keyboard and mouse
Local Console Connectors:	PS/2 Keyboard 6-pin Mini Din female PS/2 Mouse 6 pin Mini Din female VGA HDB 15-pin female 2 x USB Type A for USB mouse and keyboard
Daisy-Chain Ports:	Daisy Chain Out (video in): HDB 15-pin female; Daisy Chain In (video out): HDB 15-pin male
Max Video Resolution:	2048 x 1536 @60Hz
Max Computer Cable Length:	5 m; 10 m with some video quality degradation
Max Daisy-Chain Total Length	5 m
OSD Menu	15 lines of 30 characters
Port Selection:	Push button (one per port), keyboard hot keys (can be set up), OSD menu
Indicators:	Two LED's per port; Two digital 7-segment display
Buzzer:	Port switching confirmation (can be disabled)
Power supply	External DC 9V 2A Switching Power Adapter
Operation Temperature:	0 to 50°C
Storage Temperature:	-20 to 60°C
Humidity:	0 to 90%, non-condensing
Housing:	Metal
Dimension (L x W x H):	410 x 165 x 44.5 mm (19", 1U)
Weight:	2000 g
Safety / EMI Certification:	FCC, CE

Ordering Information

PRIMA-4: 4-port KVM Switch	
PRIMA-8: 8-port KVM Switch	
PRIMA-16: 16-port KVM Switch	
CAB2067-1.8M: 1.8m cable for USB and PS/2 attachment	
CAB2067-3.0M: 3.0m cable for USB and PS/2 attachment	
CAB2067-5.0M: 5.0m cable for USB and PS/2 attachment	

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