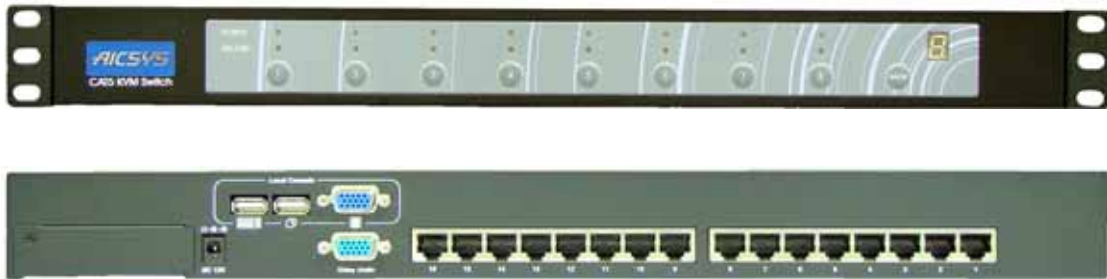# MS-8/MS-16

8/16 port CAT5 KVM

Introduction

With the MS CAT5 KVM Switch users can use the CAT5 cable to control multiple computers with one keyboard, monitor and mouse.

The optional CAT5 remote console module of this KVM switch enables users to locate keyboard, mouse and monitor up to 1000 feet away from the KVM switch. With optional IP module users can control their keyboard, mouse and monitor through internet. Some other features such as one local console port, Daisy chain capability, On Screen Display (OSD) menu, password security, Searching PC server name, hotkey control, push button and auto-scan control, complete keyboard and mouse emulation for simultaneously PC boot-up processes.

The KVM uses standard CAT5 cable to save cable layout and cable installation cost.

Features

- 8 / 16 - port CAT5 KVM switch
- Supports up to two users with optional CAT5 module or IP module
- Provides PS/2 and USB interface for PC connection
- Supports Windows, DOS, Netware, Unix and Linux
- Supports MAC and Sun Micro Systems through USB port
- No Software Required - easy PC selection via On Screen Display (OSD) menu, push buttons, hotkeys
- Provides various hotkey (Scroll-Lock / Cap-Lock / Num-Lock / Alt / Ctrl / Win) for switching PC port and other control functions
- Provides ACL (Access Control List) security function
- Hot Plug - connected PCs without re-booting KVM switch or PC
- PC/ server name search function
- Supports Daisy Chain function with 8-layer topologies

Specifications

PC Ports

- 8/16 Ports with RJ45 connectors

MAX. Distance (KVM Switch to Host)

- 130 feet (40M)

Video Resolution (Local Console)

- 1920 x 1440

Video Resolution (Remote Console)

- 1600 x 1200 for CAT5 remote console (500 feet)
- 1024 x 768 for CAT5 remote console (1000 feet)
- 1280 x 1024 for IP remote console

Console Ports

- One (One Local)
- Optional one CAT5-Based Remote Console or one IP Based Remote Console

CAT5 COMBO Dongle

- 3 to 1 CAT5 combo transmitter dongle. Combine three cables (keyboard, mouse and VGA) into one CAT5cable before connecting to KVM switch. Support PS/2 and USB cable in the same dongle.

CAT5 Remote Console

- RJ-45 Connector
- CAT5 console up to 1000 feet away from KVM switch with superior auto-adjust RGB gain/delay control capability

IP Remote Console

- RJ-45 Connector, Serial Port, Mini 5-Pin USB for mass storage

Daisy Chain Port

- Supports Daisy Chain function with 8-layer bus topologies
- D-Sub 15 pin connector (Female Type)

PC Selection

- On Screen Display (OSD) menu, hotkeys, push buttons
- Supports two layers password

PC Port Indicators

- Power (Red) & Operation (Green) for each port

Security

- Provides ACL (Access Control List) security function, store up to 8 independent controllable PC lists

Multilingual OSD (On Screen Display)

- 8 languages (English, France, Germen, Spanish, Italian, Russian, Japanese, Chinese)

Auto-Scan Intervals

- 5 ~ 99 seconds

Keyboard / Mouse Emulation

- PS/2 & USB
- Keyboard/mouse status restored when switching PCs

Max. PC Connection

- 120 for MS-8; 128 for MS-16

Power

- DC Power adapter : 12V, 2.5A
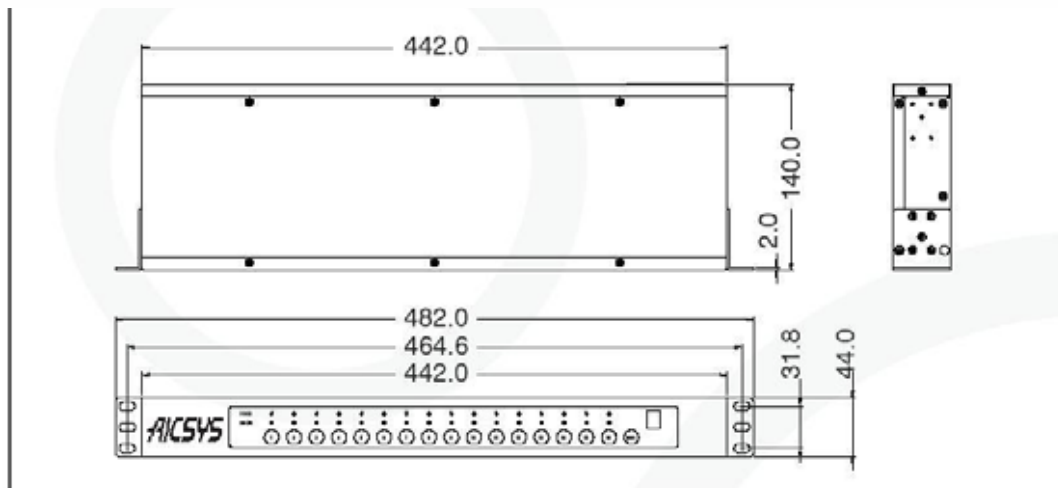
Operation Temperature

- 0 ~ 50 C

Humidity

- 0 ~ 80 %, Non-Condensing

Dimension

- 442 x 140 x 44 mm / 17.4 x 5.5 x 1.7 inches

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Mechanical Drawing

Ordering Information

KVM MS-8	8 port CAT5 KVM switch
KVM MS-16	16 port CAT5 KVM switch
Combo Dongle	KVM to PC cable; 3 to 1 CAT5 combo transmitter dongle with VGA & Keyboard & Mouse (PS/2 & USB) output
HDB-2D15	Daisy chain cable (D-sub 15P to D-sub 15P)
IP module	For VS& MS series 2nd IP remote console through internet
Cat5 module & R-kit	For VS& MS series 2nd CAT5 remote console & Receiver kit

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