

VKM01 Video / Keyboard / Mouse Extender System



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The **VKM01** is a Video / Keyboard / Mouse extender system for personal computers that makes it possible to control one computer from two separate locations. The **VKM01** system consists of the **VKM02 Local Module** and **VKM03 Remote Module**. The two modules are connected by one economical CAT5 cable and the remote module may be located up to 500 feet away. The **VKM01** system is an excellent choice for applications where a computer must be controlled from two locations. The system is also ideal for presentation / training facilities, computer labs, industrial systems or any other application requiring the computer CPU to be placed in a secure central location while the the computer monitor, keyboard and mouse are placed in a remote location that provides easy access for system users.

The **VKM02 Local Module** is located adjacent to the computer and connects to the CPU ports using the video, keyboard and mouse cables included with the kit. The **VKM02** connects directly to keyboards with PS/2 connectors (6-Pin Mini DIN). PC/AT keyboards may also be connected using an optional adapter cable. The **VKM02** connects directly to a PS/2 mouse or a serial mouse. A VGA out port is provided to drive a local computer monitor. The **VKM02** derives power from the computer and therefore requires no separate power supply.

The **VKM03 Remote Module** includes ports to connect a remote data monitor, keyboard and mouse and can be located up to 500 feet away from the computer. The video out port connects directly to VGA monitors. The **VKM03** connects directly to keyboards with PS/2 connectors (6-Pin Mini DIN). PC/AT keyboards may also be connected using an optional adapter cable. The **VKM03** supports PS/2 mice only.

High Quality Video - The **VKM01** system employs sophisticated video circuitry to maintain excellent video quality with VGA video signals at resolutions as high as 1600 x 1200. Monitors may be connected to both the local and remote modules simultaneously. A **Video Gain** control on the **VKM03** Remote Module lets users fine tune the video compensation to optimize the video image for various cable lengths.

Automatic Local / Remote Control Switching - Keyboard and mouse control automatically switches between the **VKM02** local module or **VKM03** remote module based on which keyboard and mouse are currently active. LEDs on each module illuminate to indicate whether the local or remote keyboard and mouse have control. The local and remote units employ special circuitry that saves and restores the settings for each keyboard including Num Lock, Caps Lock and Scroll lock.

Mounting Brackets - The **VKM02 / VKM03** modules can be mounted under a table, inside a rack or on any other convenient flat surface using the optional **IN9089** mounting brackets, L-shaped brackets that attach to the sides of the **VKM02** or **VKM03**.

FEATURES

- Control One Computer from Two Different Locations
- System Includes Local Unit (VKM02) Which Connects to the Computer and Remote Unit (VKM03) that Can Be Located up to 500 Feet Away
- Local and Remote Units are Linked by a Single Low Cost CAT5 UTP Cable
- Autoswitching Between Local and Remote Keyboard / Mouse Control
- Supports Monitor Resolutions Up to 1600 x 1200
- Compatible with PC/AT Keyboards and PS/2 Keyboards
- Compatible with Serial and PS/2 Mouse for Local Control, PS/2 Mouse for Remote Unit

SPECIFICATIONS

VKM02 LOCAL MODULE - COMPUTER CPU CONNECTIONS:

- Video: (1) 15-Pin HD female - Supports VGA Signals at Resolutions up to 1600x1200
- Keyboard: (1) 6-Pin Mini DIN female
- Mouse: (1) 6-Pin Mini DIN female
- CAT5 Link: (1) RJ45 female

VKM02 LOCAL MODULE - PERIPHERAL CONNECTIONS:

- VGA Video Out: (1) 15-Pin HD female
- Keyboard: (1) 6-Pin Mini DIN female for PS/2 Type Keyboards (PC/AT Keyboard Support via Optional Adapter Cable)
- Mouse: (1) 6-Pin Mini DIN female for PS/2 Mouse (1) 9-Pin D female for Serial Mouse

VKM03 - REMOTE MODULE CONNECTIONS:

- VGA Video Out: (1) 15-Pin HD female
- Keyboard: (1) 6-Pin Mini DIN female for PS/2 Type Keyboards (PC/AT Keyboard Support via Optional Adapter Cable)
- Mouse: (1) 6-Pin Mini DIN female for PS/2 Mouse
- CAT 5 Link: (1) RJ45 female
- Power Supply: 9VDC, 500mA External Adapter Included

GENERAL:

- Shipping Weight: 5 lbs. / 2.3 kg Product Weight: 2.5 lbs. / 1.1 kg
- Dimensions - VKM02: 1.65" x 5.6" x 3.75" / 4.2cm x 14.2cm x 9.5cm
- Dimensions - VKM03: 1.65" x 5.6" x 3.75" / 4.2cm x 14.2cm x 9.5cm
- Included Accessories: Listed on reverse
- Optional Accessories: Listed on reverse
- Regulatory Approvals: UL1950, CAN/CSA-22.2 No.950, Third Edition
CE: EN55022 (1987), EN50081-1 (1991), EN50082-1 (1992 and 1994), EN60950-2

VKM01 VIDEO / KEYBOARD / MOUSE EXTENDER SYSTEM - PARTS INCLUDED

- (1) **VKM02** Local Module
- (1) **VKM03** Remote Module
- (1) **IN9204** 9VDC; 500ma External Power Adapter
- (1) **VN531M** VGA Cable, 15-Pin HD Male to 15-Pin HD Male, Connects CPU VGA Port to VKM02
- (1) **VN576** PS/2 Keyboard Cable, 6-Pin Mini DIN Male to Male, 6' Long - Connects CPU Keyboard Port to VKM02
- (1) **VN576** PS/2 Mouse Cable, 6-Pin Mini DIN Male to Male, 6' Long - Connects CPU Mouse Port to VKM02

OPTIONAL ACCESSORIES

CAT 5 Link Cable

IN9550	50' Long
IN95100	100' Long
IN95150	150' Long
IN95200	200' Long
IN95250	250' Long
IN95300	300' Long

Keyboard / Mouse Adapter Cables

IN9198 Serial Mouse Adapter Cable
VN590 Keyboard Adapter Cable
VN591 Keyboard Adapter

Connects CPU Serial Mouse Port and VKM02, 9-Pin D female to 6-Pin Mini DIN male, 6' long
Connects CPU PC/AT Keyboard Port and VKM02, 5-Pin DIN Male to 6-Pin Mini DIN male, 6'
Connects PC/AT Keyboard to VKM02 / VKM03, 5-Pin DIN Male to 6-Pin Mini DIN male, 6'

Miscellaneous Accessories

IN9089 Mounting Brackets
IN9204 Power Supply

One Pair of "L" Brackets, Mounts VKM02 or VKM03 to Any Flat Surface
Replacement External 9VDC, 500 mA Power Supply