



Secure Mini Matrix KVM System Specifications

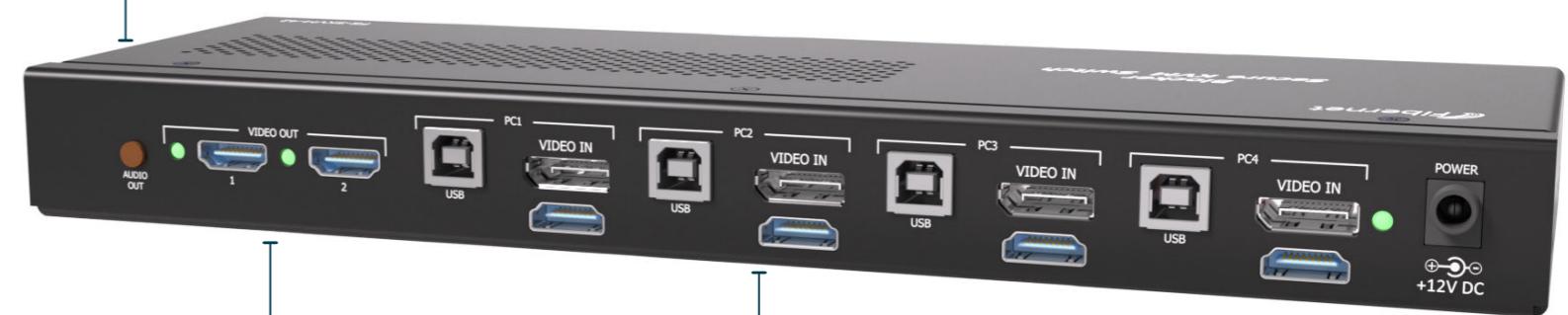
1. Secure Mini Matrix KVM Overview

Fibernet Secure KVM switch family of products enhances workstations by providing high level cybersecurity.

NOTE: All Fibernets KVM family are certified by the Israeli Regulator.

Input Device Connection Ports
Enables connection of a keyboard and mouse via PS2/USB ports

Audio Connection Port
Enables connection for audio output via a PL 3.5 port



Monitor Selection
Enables selecting which computer will appear on which monitor

PC Connection Ports
Enables connection of up to four computers via USB ports and HDMI/DisplayPort

Monitor Connection Ports
Enables connection of up to two monitors via HDMI cables

Power Inlet
Connects with +12V DC to supply power

Power Button
Allows for turning KM mode on and off

Setup Buttons
Enables EDID configuration



1.1 Typical Installation Layout

The following diagram reviews the Secure Mini Matrix KVM's layout and the various devices that can be connected to it:



NOTE:
Images in this document are for illustration purposes only and show Secure Mini Matrix KVM 4.

Monitors
Connect up to 2 monitors



Computers
Connect up to 16 computers

Network Segmentation
Allows seamless Network Segmentation

Secure Mini Matrix KVM

Keyboard and Mouse





2. Features and Advantages

This section reviews the Secure Mini Matrix KVM's key features, advantages and the applications it is best suited for.

Features

- Provides safe and secure access to local PCs.
- Offers high quality, uncompressed and unidirectional HDMI, USB and embedded audio transmission.
- Supports video resolutions up to 4K.
- Incorporates optical isolation with a separate power supply to enhance signal quality.
- Offers configuration of EDID (Extended Display Identification Data) for quick and easy setup.
- Incorporates keyboard follow mouse functionality.

Advantages

- Enables Plug and Play functionality for easy setup and use.
- Does not require additional software for operation.
- Delivers high-performance results for optimized productivity.
- Incorporates a high level of cybersecurity for enhanced data protection.
- Offers simple control through front panel buttons for user convenience.
- Enables multiple computers to be accessed using a single set of keyboard, mouse, and display monitors.
- Isolates, filters and emulates communication.
- Enforces unidirectional signal flow.
- Designed to follow the strictest requirements of government agencies, military organizations, and financial institutions.
- Ability to be controlled remotely by SEM1.

Applications

- Enables secure access to multiple PCs with varying security classifications.
- Provides Command and Control capabilities for enhanced system management.
- Incorporates high-level security installations for optimal data protection.



3. System Specifications

This section reviews the physical, electrical, communications, and environmental specifications for Secure Mini Matrix KVM.

3.1 Communications Specifications

- Workstation Ports - 2 x HDMI, 2 x USB A for keyboard and mouse
- PC Ports - 4 x HDMI or Display Port, 4 x USB B for keyboard, mouse and audio interface
- HDCP - Not supported

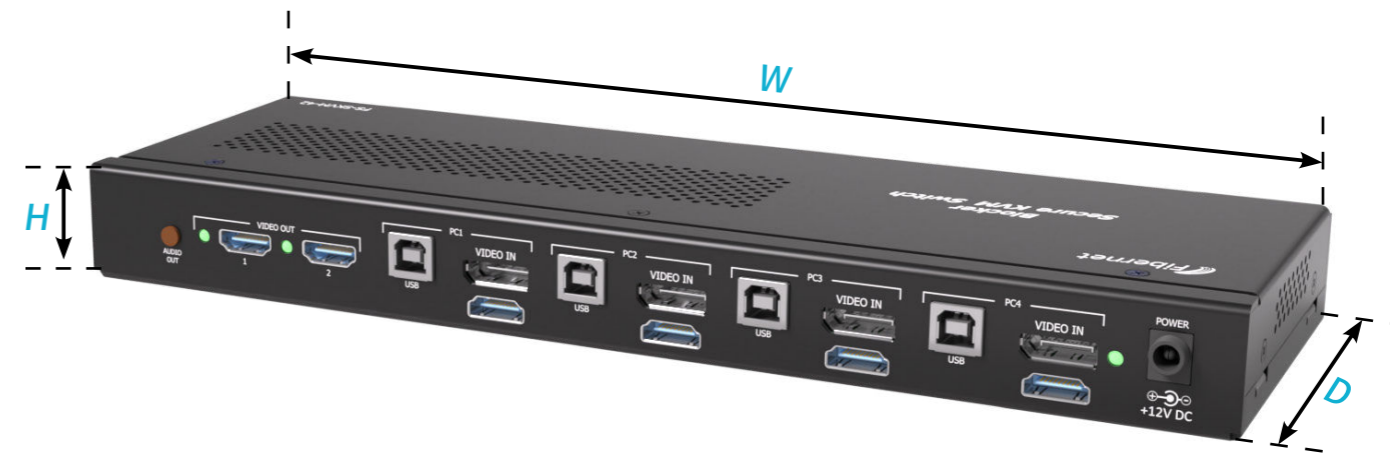
3.2 Environmental Specifications

- Operating Temperature - 0°C ~ +50°C (+32°F ~ +122°F)
- Storage Temperature - -20°C ~ +75°C (-4°F ~ 167°F)
- Operating Humidity - 90% maximum, non- condensing

3.3 Electrical Specifications

- Maximum Power Consumption - 5 watts
- Video Resolution - Up to 4K at 30 frames per second (2160 x 3840)
- Audio Sampling Rate - 96 Khz / 48 Khz / 44 Khz /32 Khz

3.4 Physical Specifications



Secure Mini Matrix KVM 4	
Specification	Detail
Color	Black
Weight	xx
Width (W)	290mm
Depth (D)	94.1mm
Height (H)	33.5mm
Package Weight	xx
Package Measurements	365 x 270 x 78 (W,D,H)

Secure Mini Matrix KVM 2	
Specification	Detail
Color	Black
Weight	xx
Width (W)	144mm
Depth (D)	80mm
Height (H)	28mm
Package Weight	xx
Package Measurements	150 x 139 x 77 (W,D,H)



4. Ordering Information

This page reviews how to order a specific model of Secure Mini Matrix KVM:

Secure Mini Matrix Part Numbers	
Israel	Outside Israel
FS-SKVM-11HD	FS-SKVM-11HD-DP
FS-SKVM-11DP	
FS-SKVM-21HD	FS-SKVM-22HD-DP
FS-SKVM-21DP	
FS-SKVM-22HD	
FS-SKVM-22DP	
FS-SKVM-41HD	FS-SKVM-42HD-DP
FS-SKVM-41DP	
FS-SKVM-42HD	
FS-SKVM-42DP	
FS-SKVM-81HD	FS-SKVM-82HD-DP
FS-SKVM-81DP	
FS-SKVM-82HD	

Secure Mini Matrix Part Numbers	
Israel	Outside Israel
FS-SKVM-82DP	FS-SKVM-82HD-DP
FS-SKVM-162HD	
FS-SKVM-162DP	





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Thank you!