Fibernet
NEXT-LEVEL COMMUNICATIONS

SEM-1 KVM external control Emulator

SEM-1 is Fibernet solution for enabling external control of Fibernet secured KVM without compromising system security. To set up, connect a keyboard and mouse to the KVM through the SEM-1, and then link a third-party controller via RS-232 to send commands using Fibernet custom protocol. Fibernet secured KVM is now enhanced with advanced control capabilities, and can be safely integrated into any control system.

FEATURES

- **KVM control:** SEM-1 can control Fibernet secured KVM devices using Fibernet custom protocols
- **Plug-and-play:** Immediate and hassle-free operation. No need for additional software installation, easy to integrate with 3rd party controlers or devices.
- **Small format:** Fits easily into tight spaces.
- **USB-powered:** Power and data transfer are combined into one USB-B cable, reducing clutter and simplifying connections. Power received exclusively from the secured KVM.

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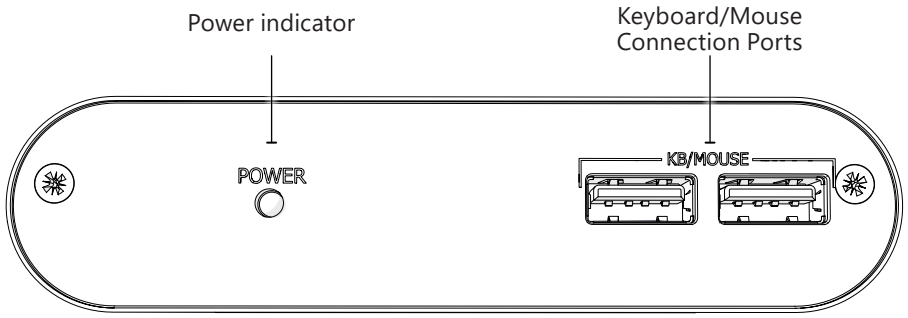
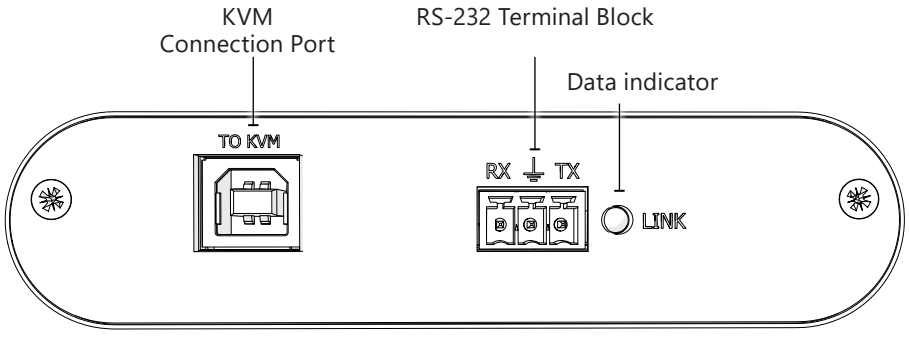
PORTS

CONNECTION PORTS	CONNECTION TYPE
Keyboard/Mouse	2x USB-A
Device control	3 pin terminal block RS-232
KVM	USB-B (to KVM)



Front View



Rear View

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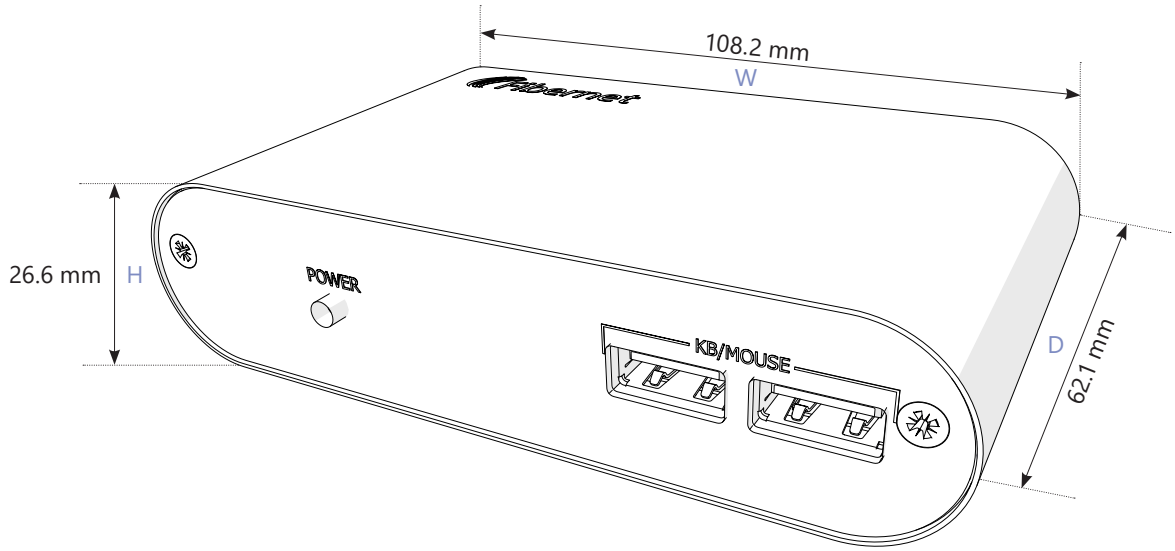
CAPABILITIES

FUNCTIONS	SEM-1
USB-powered	Yes
KVM control	Yes
RS-232 control	Yes

SPECIFICATIONS

GENERAL SPECIFICATIONS	SEM-1
Input power	5V over USB-B
Color	Black
Unit dimensions (H x W x D)	26.6 x 108.2 x 62.1 mm
Package dimensions (H x W x D)	80.4 x 160.5 x 143.8 mm
Unit weight	116 g
Weight (including package)	283 g
Operating temperature range	0°C ~ +45°C (+32°F ~ +113°F)
Storage temperature range	-40°C ~ +90°C (-40°F ~ 194°F)
Operating humidity	90% max, non-condensing



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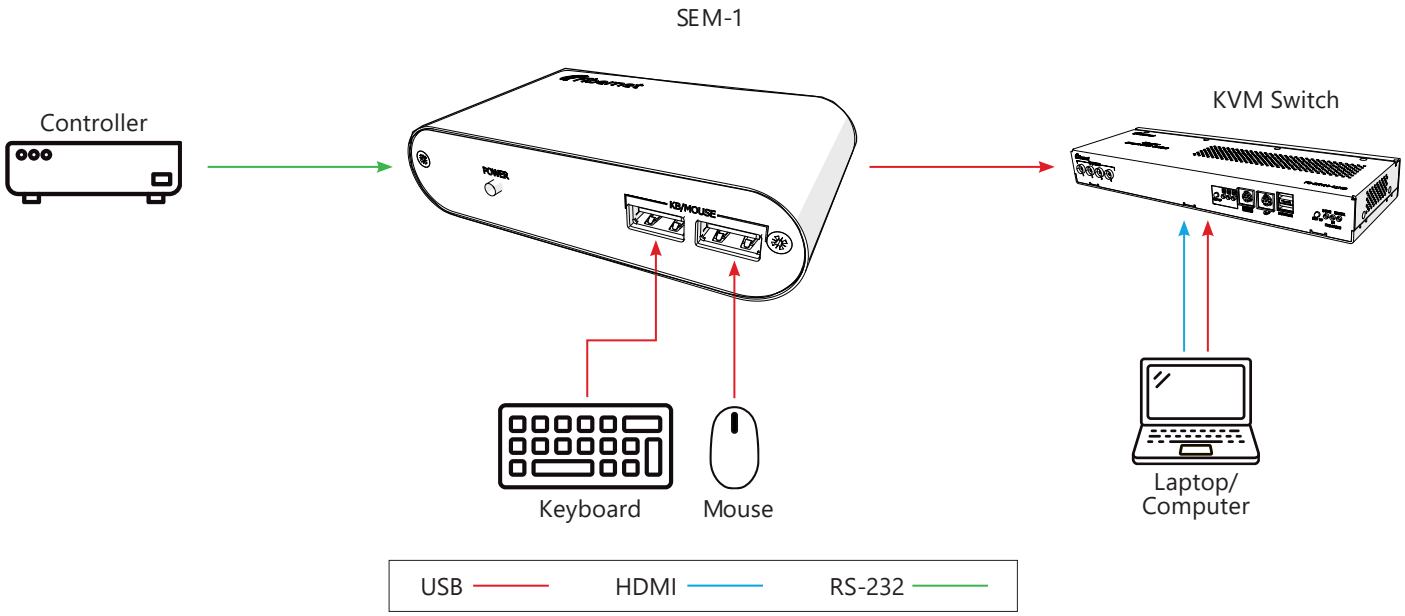
TYPICAL INSTALLATION LAYOUT



ORDERING INFORMATION

PART NUMBER	DESCRIPTION
SEM-1	External secure emulator via RS-232 for Fibernet secured KVM

OPTIONAL ITEMS

PART NUMBER	DESCRIPTION
FIM-CBL-USBA-USBB-1.8M	USB A TO USB B CABLE 1.8M

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