HighSecLabs
Highest Security Solutions ● ● ● Ltd.

KM SWITCHES

View and work simultaneously with multiple computers connected to multiple displays using one set of USB, audio, keyboard and mouse peripherals.

Keyboard Mouse (KM) switch offered by HSL allows interacting with multiple computers in real-time. Directly connect separate display(s) to each computer and effotlessly share keyboard, mouse, audio and USB devices through the KM.

KM HIGHLIGHTS

Simplify user experience when working with multiple computers.

Smoothly switch between computers (Virtual Display Technology)

Automatically switch control from one computer to another by dragging the mouse cursor over the computer's display border. Peripherals switch to the next computer without having to press any buttons once the mouse is passing the display border.

Copy & Paste

Transfer text and files between all the computers that are connected to the KVM through the KVM (no network connection is needed between parties). Use standard copy and paste keyboard key combinations (CTRL+C / CTRL+V) or mouse context-menu commands to transfer data between computers that are connected to the KVM (Text & Files: SM40NU-N, SM80NU-N; Text Only: SM20N-N).

Multi Monitor Support

Support multi-monitor computers with up to 4 displays per computer in duplicate or extended modes. (Requires driver installation, currently available only for Windows).

Freeze USB

Assign the USB port to a specific computer while switching the keyboard, video, mouse and audio peripherals between other computers. Useful when a USB device such as a disk-on-key must remain mapped to a certain computer, while the user is working on another computer (SM40NU-N, SM80NU-N).
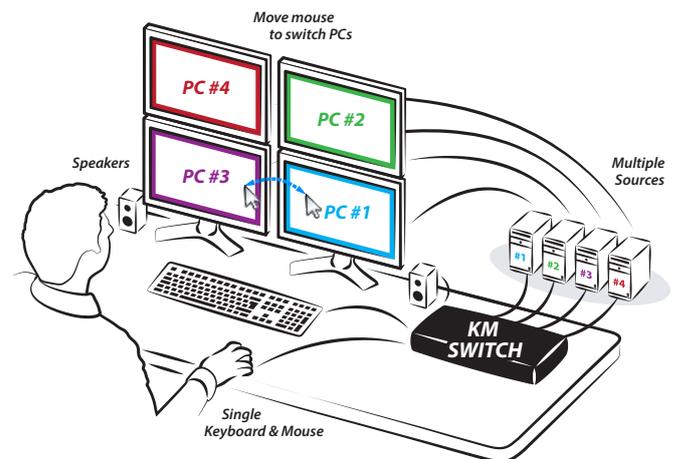
Freeze Audio

Assign the audio port to a specific computer while switching the keyboard, video, mouse and USB peripherals between other computers. Useful for scenarios where a user has to listen to audio originating from one computer while working on another computer.

8-PORT

2-PORT

Move mouse to switch PCs

PC #4

PC #2

Speakers

PC #3

PC #1

Multiple Sources

#1 #2 #3 #4

KM SWITCH

Single Keyboard & Mouse

HSL 4-Port KM Switch System Diagram

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SM20N-N

SM40NU-N

SM80NU-N

OPERATIONAL HIGHLIGHTS

Super Speed USB 3.0 Ports

Transfer data and files between peripherals and computers in USB 3.0 Super Speed rates through the KVM USB 3.0 ports (SM40NU-N, SM80NU-N).

USB 3.0

Express USB Charging

Rapidly charge USB devices connected to the KVM high-power USB port (SM40NU-N, SM80NU-N).

Save valuable desk space

Allow users that work in space-restricted environments to interact with multiple computers in spite of having limited desk space.

Reduce costs

Use a single set of peripherals with multiple computers. Obviate the need for purchasing and installing dedicated, per-computer peripheral sets.

Support various display layouts

Align displays vertically (on top)/ Horizontally (along side)... etc). Associate the mouse cursor with each computer based on its respective display position.

SPECIFICATION

PART NUMBER	SM20N-N	SM40NU-N	SM80NU-N
No. of Sources	2	4	8
CONSOLE PORTS			
Mouse and Keyboard	USB Type A	USB Type A	USB Type A
Audio Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack
Microphone Jack	3.5 mm Jack	3.5 mm Jack	N/A
USB 3.0 Port	N/A	4 x USB Type A	3 x USB Type A
COMPUTER PORTS			
Mouse and Keyboard	USB Type B	USB Type B	USB Type B
Audio Jack	3.5 mm Jack	3.5 mm Jack	3.5 mm Jack
Microphone Jack	3.5 mm Jack	3.5 mm Jack	N/A
USB 3.0 Port	N/A	USB Type B	USB Type B
PHYSICAL			
Dimensions	177 x 82 x 35 mm / 7 x 3.2 x 1.4 inches	342 x 148 x 42 mm / 13.7 x 5.8 x 1.7 inches	440 x 192 x 48 mm / 17.3 x 7.5 x 1.9 inches
Weight	0.52 kg (1.1 lbs)	1.3 kg (2.8 lbs)	2.4 kg (5.3 lbs)
POWER			
Power Requirements	12V DC, 1.5A	12V DC, 1.5A	35W Max
AC Input	100 to 240V AC	100 to 240V AC	100 to 240V AC
Power Type	External	External	Internal
ENVIRONMENTAL			
Operating Temperature	32° to 104° F (0° to 40° C)		
Storage Temperature	-4° to 140° F (-20° to 60° C)		
Humidity	0-80% RH, non-condensing		
SOFTWARE			
Supported OS	Windows, Linux, Mac		
CERTIFICATION			
Product Certification	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada		
GENERAL INFO			
Made In	ISRAEL		
Product life-cycle	10 years		
Warranty	2 Years		

SUPERSPEED USB CERTIFIED

Ultra HD 4K