TECHNICAL SPECIFICATIONS

VIDEO	
Fornat	HDMI2.0
Maximum Pixel Clock	165 MHz
Input Interface	(2) DisplayPort; (2) HDMI
Output Interface	(2) HDMI
Resolution	3840 x 2160 @ 60 Hz
Color Mode	24-bit
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft
Output Cable Length	Up to 20 ft
Data Rate	1.65 Gbps per color
Console Monitors	Supports both digital and analog monitors
AUDIO	
Input Interface	(2) 3.5 mm Stereo Audio (2) 3.5 mm Stereo Microphone
Output Interface	(1) 3.5 mm Stereo Audio (1) 3.5 mm Stereo Microphone
Impedance	600 Ohm
Frequency Response	20 Hz to 20 kHz
Nominal Level	0-1.0 V
Common Mode	Rejection at 60 dB
SOFTWARE COMPATIBILITY	
Operating Systems	Windows, DOS, Linux, Unix, Mac, etc.
USB	
Signal Type	USB 3.2, 2.0, 1.1, and 1.0 w/ internal hub
Input Interface	(2) USB Type B
Output Interface	(2) USB 1.1 Type A for KM Devices; (2) USB 3.2 Type A Transparent; (1) USB Type C
OTHER	
Power	Input: 100-240 VAC, 50/60Hz, 0.8A Output: 12V, 2A
Dimensions	6.57"W x 3.31"D x 1.26"H
Weight	0.5 lb
Approvals	UL, CE, ROHS Compliant
Operating Temp.	+32 to +104°F (0 to +40°C)
Storage Temp.	-4 to 140°F (-20 to +60°C)
Humidity	Up to 80% (No Condensation)
Emulation	Keyboard and Mouse

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
SM3-UHX-2D	1	2-Port Dual Head DP/HDMI to HDMI KVM Switch with USB 3.2
PS12VDC2A	1	12VDC, 2A power adapter with center-pin positive polarity.
	1	Quick Start Guide

NOTICE

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

SM3-UHX-2D

2-Port Dual-Head DP/HDMI to HDMI KVM Switch with USB 3.2

Quick Start Guide

A full manual can be downloaded from www.ipgard.com/SM3-UHX-2D/

OPERATION

PC Port Switching

There are two ways of accessing computers and devices connected to the KVM switch:

- Manual Push-button
- Hotkey

Manual Pushbutton

- Press the push-button once to switch the selected PC port between the two connected computers cyclically

Hotkey

- Hotkeys are executed using the keyboard
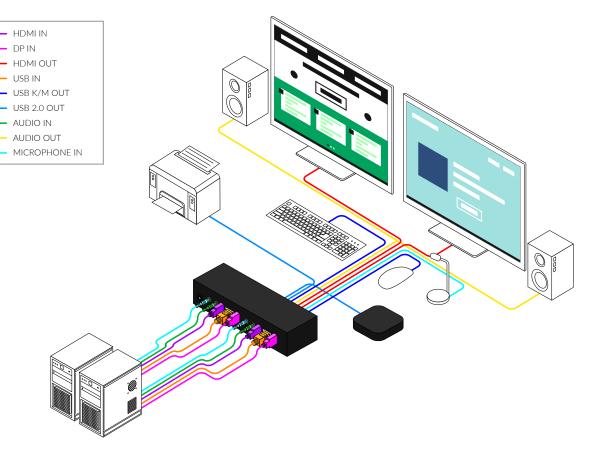- The following describes the hotkey functionality availability

  Hotkey Execution Procedure:

1. Press [Scroll Lock] key twice continuously to enter "Hotkey" mode. When entering or exiting from "Hotkey" mode, the buzzer of the KVM switch sounds with beep.
2. Pressing [Scroll Lock] key twice continuously MUST be completed within 5 seconds.
3. Keying hotkey command MUST be completed with 10 seconds, or it will be aborted if exceeding

Hotkey Command	Description	Function
[ScLk][ScLk][ENT] or [Ctrl][Ctrl][ENT]	PC-1 ◄ ► PC-2	PC port cyclic switching
[ScLk][ScLk][B][Num] or [Ctrl][Ctrl][B][Num]	Number : 0 / 1 0 : Disable 1 : Enable (Default)	Buzzer switch ON/OFF
[ScLk][ScLk][S] or [Ctrl][Ctrl][S]	How to stop Auto-Scan when it's on: 1. Press any key. 2. Press once the pushbutton. When Auto-Scan stops, PC port is switched to the one being scanned.	Auto-Scan enabling
[ScLk][ScLk][I][Num][ENT] or [Ctrl][Ctrl][I][Num][ENT]	Number : 5~99 (Default : 8)	Auto-Scan time interval setting

ScLk - Scroll Lock, **ENT** - Enter

HARDWARE INSTALLATION

1. Connect HDMI monitor to the "HDMI Out" console ports on the front panel of the KVM switch.
2. Connect your USB keyboard and USB mouse directly to the USB keyboard and mouse ports on the front panel of the KVM switch.
3. Connect the microphone and speaker to the corresponding 3.5 mm Mini Stereo console jacks on the front panel of the KVM switch.
4. Connect your USB devices into the USB ports. (Optional).
5. Be prepared with the related cables, plug the HDMI, USB, microphone, and speaker connectors into their corresponding sockets on the back panel of the KVM switch
6. At the other end of the cable set, plug the HDMI, USB, microphone, and speaker connectors into their respective ports on the first computer (PC-1).
7. Repeat above steps to add the second computer (PC-2).
8. Connect the power supply to the KVM switch, and then plug it into an appropriate power source.
9. Turn on the power to all connected devices.

—	HDMI IN
—	DP IN
—	HDMI OUT
—	USB IN
—	USB K/M OUT
—	USB 2.0 OUT
—	AUDIO IN
—	AUDIO OUT
—	MICROPHONE IN