

# KVM Switch

## 2-Port 4K60 HDMI KVM Switch with HDCP Engine, EDID Management, USB 3.0 and Button/Hotkey Control

Model: DKS-4K2H-U30

### PRODUCT OVERVIEW

The **DKS-4K2H-U30** is a 2-Port True 4K HDMI 2.0 KVM Switch with a built-in HDCP engine, allowing users to share one set of keyboard, mouse, monitor, and audio between two computers. Users can easily switch between sources by pressing a button or using a hotkey. Supporting resolutions up to 4K@60Hz (4:4:4), the unit's advanced built-in HDCP engine eliminates screen misalignment during port switching and ensures high-quality video output, making it ideal for high-definition multimedia applications.



Designed with both front and rear USB 3.2 Gen 1 ports, the switch supports high-speed data transfer and flexible peripheral access, making it easy to connect permanent devices at the rear and temporary devices at the front. It enables seamless keyboard, mouse, and USB device sharing without the need for software or drivers, and a built-in buzzer provides audible confirmation of switching operations.

The unit also features an EDID Copy button, for manually copying or automatically learning EDID information from a connected monitor, ensuring optimal display compatibility and prevents output issues. In addition to HDMI video and USB functionality, the switch supports both 3.5 mm stereo analog audio and digital audio, delivering versatile connectivity for multimedia applications.

### Special Design for HDCP Slide Switch

An exclusive HDCP slide switch on the rear panel let users select from three preset HDCP modes:

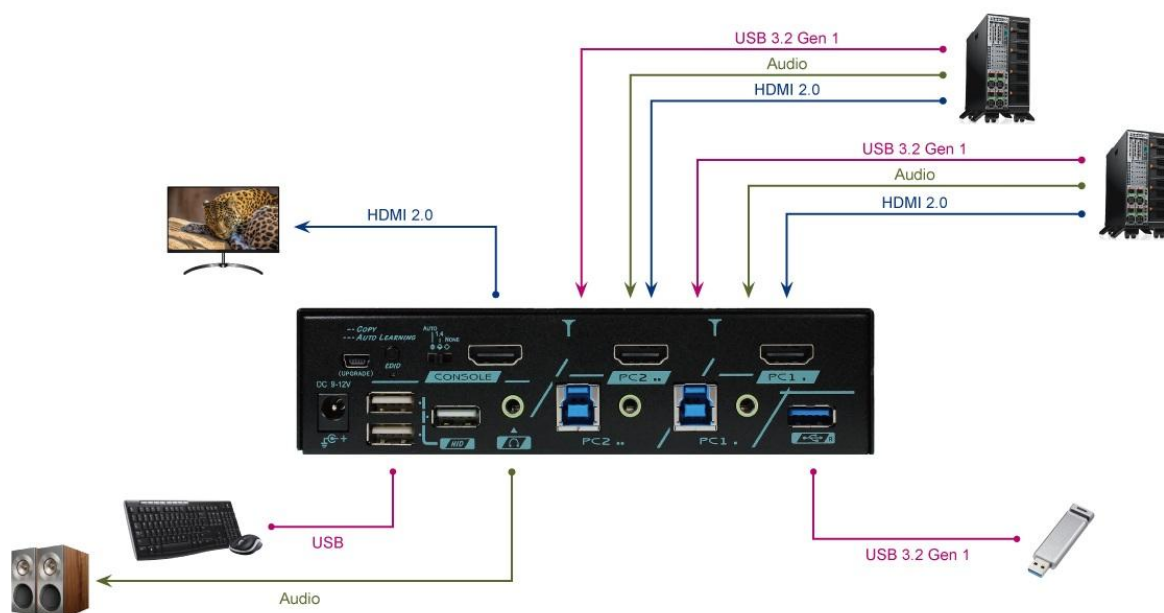
- **Mode 1 (Auto)** – Allows HDCP 2.2 or HDCP 1.4 content pass-through (factory default)
- **Mode 2 (HDCP 1.4)** – Allows HDCP 1.4 content to be licensed
- **Mode 3 (None)** – Allows non-HDCP content to be played

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## KEY FEATURES

- Allows 2 Computers to Share 1 Set of KVM Console
- HDMI 2.0 Video Supports Popular Resolutions Up to 4K@60Hz (4:4:4)
- HDR10 Supports Delivers an Enhanced Visual Experience
- Compliant with HDCP 2.2 and 1.4. HDCP Management Allows User to Select Proper HDCP Version
- HDCP Engine Ensures Low-Latency Switching and Uninterrupted Video Playback
- EDID Management, Including EDID Copy and Auto EDID, Ensures Display Compatibility
- Front and Rear USB 3.0 and HID Ports for Easy Access
- USB 3.2 Gen 1 Provides High-Speed 5Gbps Data Transfer
- 2 Flexible Switching Control Methods:
  - Front Push Button
  - Hotkey Control
- Plug-and-Play Operation Without Software or Drivers
- Manual Scan / Auto Scan and Selectable Scan Interval

## CONNECTION DIAGRAM



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## PRODUCT SPECIFICATIONS

Model Number	DKS-4K2H-U30
Computer Ports (Input)	HDMI x 2 (Single Display x 2 PCs) USB 3.2 Gen 1 Type B x 2 3.5mm Speaker Jack x 2
Console Ports (Output)	HDMI x 1 (Single Display) USB 3.2 Gen 1 Type A x 2 (1 Rear, 1 Front) USB HID Type A x 4 (3 Rear, 1 Front) 3.5mm Speaker Jack x 1
Video Resolution (Max.)	4096 x 2160@60Hz ( 4:4:4 ) 3840 x 2160@60Hz ( 4:4:4 )
Push Buttons	Port Selection x 1 Auto EDID / EDID Copy x 1
HDCP Slide Switch	(Auto / 1.4 / None) x 1
Control Methods	Hotkey / Push Button
LED Indicator (Power / Status)	PC-Ready (Green) / PC- Select (Red) x 2 EDID Copy x 1
EDID Management	Copy / Auto / Default
HDCP Compliance	HDCP 2.2 and 1.4
HDCP Engine	Yes (on each video input port)
Automatic Scan Interval	3, 8, 15, 30 seconds
Power Supply	DC 9 ~ 12V
Operating Environment	0 ~ 40°C, Humidity < 80%
Storage Temperature	-20 ~ 60°C
H x W x D ( mm )	44 x 160 x 100
Material	Metal
Weight ( g )	640



# KVM Switch

## PACKAGE CONTENTS

- 1 × 2-Port KVM Switch
- 1 × DC Power Adapter
- 1 × User Manual
- 1 × Foot Pad Set

## WARRANTY

- Standard 1-Year Limited Warranty, unless otherwise specified by Sales.
- Optional Advance Replacement Warranty is available upon request

## ORDERING INFORMATION

Part Number	Descriptions
<b>DKS-4K2H-U30</b>	2-Port 4K60 HDMI KVM Switch with HDCP Engine, EDID Management, USB 3.0 and Button/Hotkey Control

## CONTACT INFORMATION

For more information, please visit our website or contact our customer service team:

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