

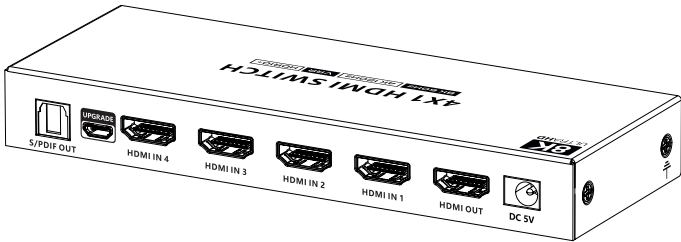
材质:157g铜版纸 正反印刷

尺寸: 100x138mm

H23018英文说明书V2.0 ： 0106010022163

User Manual

8K 4X1 HDMI Switch



• Important Safety Instructions

- 1. To prevent electric shock, please ensure that all devices are properly grounded.
- 2. Do not place this device near or over a radiator or heat register, or where it is exposed to direct sunlight.
- 3. Place the device in a well-ventilated area, do not block any ventilation openings.
- 4. Do not expose this device to rain or place it near water. Any liquid that goes into the device may cause a failure, fire, or electric shock.
- 5. Do not place the device on an uneven or unstable surface. The device may fall resulting in a malfunction.
- 6. Never insert anything metallic into the open parts of this device. This may cause a danger of electric shock.
- 7. The device should be repaired only by a qualified technician.
- 8. If a third-party power supply is used, please ensure that the power supply specifications meet the product requirements.

• Introduction

This is a 4-in-1-out 8K switch. It supports 4 HDMI signal inputs and 1 HDMI signal output, the highest resolution is 8K@60Hz and is backward compatible. A variety of control methods (IR remote control and RS-232 switch) can easily switch the content of the 4 HDMI signal sources to the display. The product is widely used in security monitoring, media entertainment, broadcasting, command centers, etc.

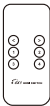
• Features

- 1. Support 4 HDMI signal input and 1 HDMI signal output.
- 2. 8K@60Hz resolution and backward compatible.
- 3. Multiple switching modes: IR remote control, RS-232 command control.
- 4. Support additional digital audio output from S/PDIF port.
- 5. Firmware can be upgraded through Micro USB.
- 6. Support EDID passthrough and HDMI 3D, VRR (Free Sync, G-sync).
- 7. HDR10+, Dolby Vision, HLG, YUV4:4:4 supported.
- 8. Lightning protection, surge protection, ESD protection.
- 9. 24/7 working.

• Package Contents



Switch x1



Remote Control x1



Power Adapter
5V/1A x1



Grounding
Screw x1



User Manual x1

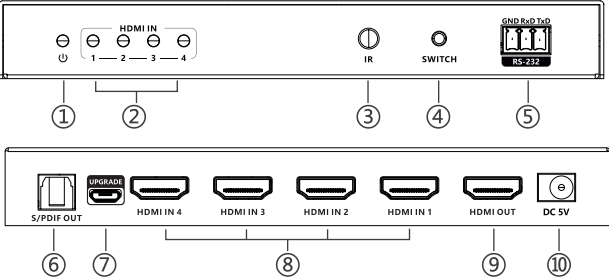


Terminal Block x1

• Installation Requirements

Item	Description	Requirement
Signal source device	PC, DVD, PS4, NVR, etc. with HDMI port	HDMI 2.1 cable ≤ 5m
Display device	8K TV, projector, LED screen, etc. with HDMI port	HDMI 2.1 cable ≤ 5m

• Panel Description



①	Power indicator (orange)	The indicator will turn on when the power is turned on
②	HDMI input indicator (blue)	Corresponding to HDMI input 1, 2, 3, 4 respectively
③	IR receiving window	Receive IR signal
④	Switch button	Press the button to switch the input of the signal source
⑤	RS-232	RS-232 command control
⑥	S/PDIF	Output digital audio signal
⑦	Micro USB	For firmware upgrade
⑧	HDMI input	Connect with HDMI source device

⑨	HDMI output	Connect with HDMI display device
⑩	DC 5V	Connect with DC5V/1A power adapter

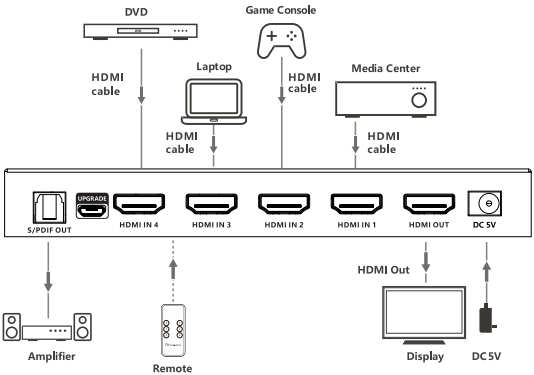
Remote Control

"<" and ">" button, to choose channel forward or backward.
"1-4" number buttons, to choose any source device directly.



• Installation

1. Connection Diagrams



2. Connection Instructions

- 1) Connect the source devices to the HDMI input ports with HDMI cables.
- 2) Connect the display device to the HDMI output port with HDMI cable.
- 3) If need an additional audio output, connect the digital audio device to the S/PDIF port.

Note: You can switch the signal source by pressing the switch button or use the remote control.

3. RS-232 control

Baud rate: 9600

Data bits: 8

Stop character: 1

Parity: none

/	HDMI1 input	HDMI2 input	HDMI3 input	HDMI4 input
PAXR\n	PA1R	PA2R	PA3R	PA4R

• FAQ

Q: No image output?

A:

- 1) Check the power supply and make sure the power indicator is on.
- 2) Check if the HDMI cables connected well.
- 3) Check and make sure the TV has been set up to the right channel.
- 4) While connect with PC or laptop via HDMI, please make sure the output mode is mirror or extend

Q: Picture quality is not fluent and stable?

A:

- 1) Please check and make sure all HDMI cables are connected well.
- 2) Try to connect the signal source directly to the display device, or try to change the signal source and HDMI cable and test again.
- 3) Please use high-quality HDMI 2.1 cables when transmitting 8K content.

• Specification

Items	Specification	
HDMI version	Support HDMI 2.1 , backward compatible	
	Support HDCP 2.3 , backward compatible	
HDMI port	HDMI input X4, HDMI output X1	
Transmission speed	48Gbps	
Video bandwidth	1200MHz	
HDMI resolution	7680x4320@24/25/30/50/60Hz, 4096x2160@24/25/30/50/60/100/120Hz, 3840x2160@24/25/30/50/60/100/120Hz, 3440x1600@60Hz, 3440x1440@60Hz、2560x1600@60Hz, 2560x1440@60/100/120Hz, 2560x1080@60Hz, 2048x1080@60Hz, 1920x1440@60/100/120Hz, 1080p@50/60/100/120Hz, 1080i@50/60Hz, 720p@50/60Hz	
Supports audio formats	S/PDIF output	LPCM5.1, DTS 5.1, Dolby 5.1
	HDMI output	Dolby Atmos, Dolby Digital 7.1CH, Dolby True HD, DTS:X, DTS-HD, LPCM 7.1CH, etc.
RS-232	3 pin (GND/RxD/TxD) , baud rate 9600	
Voltage/Current	DC5V/1A	
Power consumption	< 2.0W	

Working temperature	-20°C~60°C
Storage temperature	-30°C~70°C
Humidity (no condensation)	0~90%RH
Housing	Iron
Color	Black
Weight	275g
Dimension	160.0(L) x 58.0(W) x 20.6(H) mm
Protection	ESD protection 1a Contact discharge level 2 1b Air discharge level 3 Implementation of the standard: IEC61000-4-2
	Lightning protection, Surge protection

Disclaimer

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