

HDMI SWITCH

HDMI Auto Switch 4x1
(Seamless Switching) 4K30Hz



Where every Moment comes Alive

ER2883SW

HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE

Introduction:

The **HDMI Auto Switch 4x1** allows you to switch between **four HDMI input ports** to a **single display**. It can be controlled via **remote control** or **buttons** on the unit. This switch features an **automatic switching function**, which detects when a new HDMI signal is inserted and automatically switches to that port. Additionally, it includes a **time polling function** that supports cyclic switching of HDMI signals across 4 channels, with 3 time settings options: **10 seconds**, **15 seconds**, and **20 seconds**.

This HDMI switch supports **HD 4K@30Hz**, making it ideal for video switching in various professional and live production environments, such as **radio and television**, **program production**, **interviews**, **speeches**, **outdoor events**, and **school courseware production**. It also offers **Seamless Switching** for smooth transitions between signals without interruptions.

Features:

- **Seamless Switching** for smooth signal transitions
- **Manual Switching** or **Automatic Switching** setup via the **mode button**
- Supports high resolution up to **4K/30Hz**
- Supports **24/30/36-bit deep color** for enhanced image quality
- **Automatic HDMI Input Port Switching**: Switches to the most recently inserted port; if no signal is present, switches to **HDMI In1**, and continues with **HDMI In2**, etc.
- **Time Polling Function**: Automatically switches HDMI input ports at set intervals (10 seconds, 15 seconds, or 20 seconds)
- Compatible with multiple HDMI input signal sources, including **DVD players**, **HDMI media players**, **PS4**, **set-top boxes**, and more

DIP EDID Switch Description:

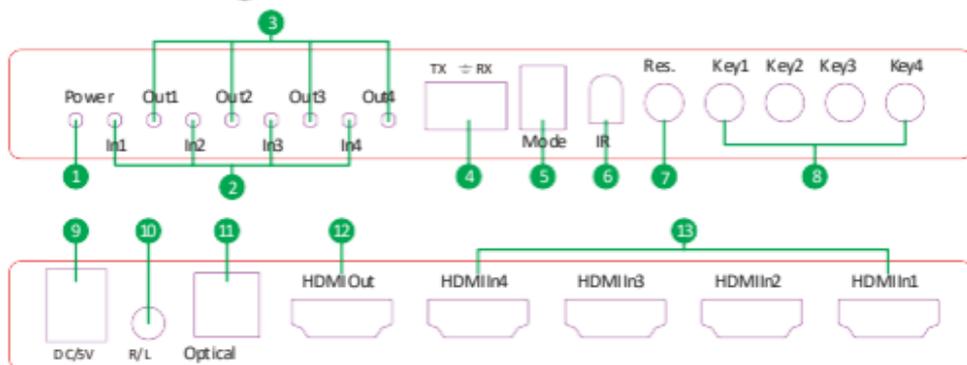
1	2	Function
0	0	Manual switch mode.
0	1	The current input port, whether it has a signal input or not, when other input port from no signal to a signal, switch to this input port.
1	0	If the current input port has no signal, preferentially switch to HDMI In1 interface. If HDMI In1 is not inserted, it automatically switch to port 2, and so on.
1	1	Implement the functions of "0 1" and "1 0".

Note: switch down is 1, upward is 0

Specifications

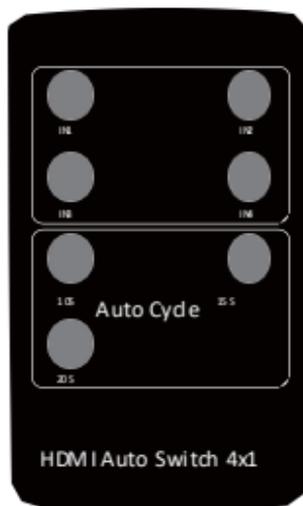
Item	Description
HDMI Resolution	4K@30Hz
HDMI Output Resolution	720P@60Hz/1080P@60Hz/4K @30Hz
Supported Video Color Format	24/30/36-bit deep color
Supported Audio Format	PCM
Max Band width	340MHz
Max Baud Rate	10.2Gbps
Input Cable Length	1080P/60Hz≤15M, 4K/30Hz≤10M AWG26 HDMI standard cable
Output Cable Length	1080P/60Hz≤15M, 4K/30Hz≤10M AWG26 HDMI standard cable
Max Working Current	600mA
Operating Temperature Range	-10°C to +55°C
Dimensions (L x W x H)	150 x 67 x 19 mm
Weight	175g

Interface diagram :



1. Power -- Power light
2. In1-In4 -- HDMI input light (Light on when has TMDS signal)
3. Out1-Out4 -- HDMI output light, Corresponds to the HDMI input port
4. TX ⇌ RX -- RS232 port
5. Mode -- DIP switch, using for switch manual mode or automatic mode
6. IR -- IR receive
7. Res. -- Resolution switching (4K @30Hz/ 1080P@60Hz/ 720P @60Hz)
8. Key1-Key4 -- Input switch
9. DC/5V -- 5V power interface
10. R/L -- Stereo output interface
11. Optical -- Fiber optic audio interface
12. HDMI Out -- HDMI output interface
13. HDMI In4-In1 -- HDMI input interface

Remote Control:



IN1-IN4: HDMI input 1-4 selection.

Auto Cycle: 10S 15S 20S Automatic time polling function (sequential cycle)

Time Polling Function

For the **Time Polling Function**, you can set the HDMI switch to automatically cycle through the HDMI input ports. Here's how it works:

- **Press the 10S button:** The switch will cycle through the HDMI input ports in 10-second intervals. If the current port is **HDMI In1**, it will switch to **HDMI In1** for 10 seconds, then to **HDMI In2**, and continue cycling through all 4 ports.
- **Press the 15S button:** The switch will cycle through the HDMI input ports in 15-second intervals.
- **Press the 20S button:** The switch will cycle through the HDMI input ports in 20-second intervals.

To **cancel the time polling function**, simply press the current time button again.

Note: If there is no signal detected on the current HDMI input port, the switch will automatically switch to the next available port with a signal.

Accessories :

- | | |
|---|-----|
| 1. HDMI auto switch 4X1(seamless switching) | 1PC |
| 2. IR remote control | 1PC |
| 3. Power adapter | 1PC |
| 4. User manual | 1PC |

Connection Diagram:



Operating and Connecting

- 1. Connect HDMI Source Devices:** Use **four HDMI cables** to connect **HD signal sources** (such as DVD players, gaming consoles, media players, etc.) to the **HDMI input ports (1-4)** on the **HDMI switch**.
- 2. Connect Display Device:** Use **one HDMI cable** to connect the **HDMI output port** on the **HDMI switch** to your **HDMI-enabled display** (TV, projector, monitor, etc.).
- 3. Power the HDMI Switch:** Connect the **5V/1A power adapter** to the **power input port** on the **HDMI switch** and plug it into a power outlet.
- 4. Switch Signals:** You can freely **switch signals** between the connected input ports using the **remote control** or the **buttons** on the switch.