

4K 8-in, 8-out HDMI Matrix Switch

Model Code: LKV818-V2

The LENKENG LKV818-V2 is an 8x8 HDMI Matrix Switch that enables any of eight HDMI source devices to be independently switched and distributed to any combination of eight HDMI displays. Supporting 4K UHD resolutions up to 4096x2160@60Hz, HDMI 2.0, HDCP 1.4/2.2, 3D content, and an 18Gbps bandwidth, it delivers high-quality audio and video for professional AV installations. The matrix can be controlled via IR remote, RS-232, or the front panel buttons, providing flexible operation for a wide range of applications. Featuring a pure hardware, plug-and-play design, the LKV818-V2 offers reliable performance without the need for software configuration, making it ideal for control rooms, conference facilities, digital signage, education, hospitality, and other environments requiring flexible multi-display HDMI signal distribution.

Features:

- Switch and distribute any of the 8 HDMI source signals to 8 HDMI display devices at will.
- Support ultra-high-definition resolution 4K@60Hz & 3D.
- Controlled by IR Remote, RS-232 and/or buttons.
- Data transmission rate: 18Gbps
- Supports key control to select input/output channels
- Pure hardware design, plug and play

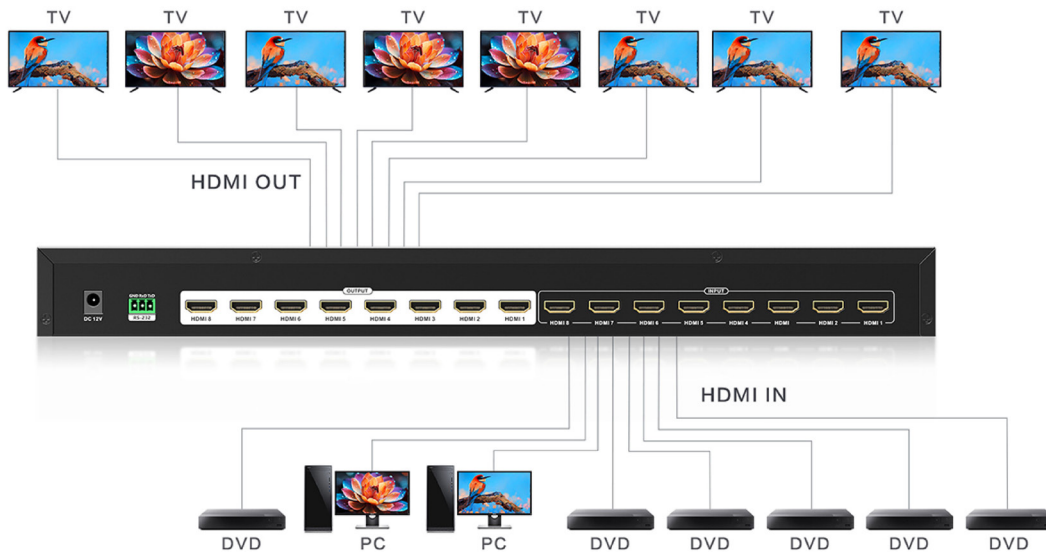


Specifications

HDMI Version	HDMI 2.0
HDCP Version	HDCP1.4/HDCP2.2
Video Bandwidth	18Gbps
Resolution Supported	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840x2160@24/30/50/60Hz, 4096x2160@24/30/50/60Hz
RS-232 Control	Yes
Power Supply	DC 12V/3A
Dimensions(LxWxH)	482.45 x 179.60 x 44.40mm
Weight	2.07kg
Consumption	27W
Working Temperature	0°C~60°C
Colour	Black

4K@60Hz 8x8 Matrix Switch

LKV818-V2.0



1. Splitter mode

All displays share the same input source



2. Matrix & Splitter mode

Part of displays share the same input source



3. Matrix mode

Each display select a standalone input source

