

SD-PS-M641

4K Presentation Switcher with Multiview



Overview

The SD-PS-M641 is a powerful seamless 4K presentation switcher with multiview function. It can take up to 6 video inputs with up to 4K resolution at different formats (HDMI, DP, USB-C) and then display it onto a display with resolution up to 4K. It not only can seamlessly switch between different video inputs onto the screen but also can display selected video inputs onto the screen at a preset multiview mode.

The SD-PS-M641 presentation switcher supports de-embedded input audios and embed any external audio onto the selected outputs, with line or microphone audio inputs. Scaled video signals are available as HDMI or HDBaseT for a long-distance transmission. This makes the SD-PS-M641 a great solution for a wide number of applications including classrooms, lecture halls, broadcasting, meeting, and conference rooms.

The SD-PS-M641 presentation switcher can be easily controlled via web GUI, front panel buttons, RS232, IR or an 3rd party controller which offers the greatly controlling flexibility. The unit can run standalone once configured.

Key Features

- 4K 6x1 presentation switcher with multiview ability
- 1 x HDBaseT and 1 mirrored HDMI outputs
- Supports seamless switching
- Supports video source auto or manual switching
- Supports different format inputs
- 4 x HDMI, 1 x DP, 1 x USB-C
- Supports scaling on outputs
- Supports up to 4K and HDCP 2.2 compliant.
- Supports up to 40m and 70m transmission distance on 4K and HD signal respectively over HDBaseT output
- HDBaseT output supports 48V PoC
- Supports audio embedded and de-embedded and audio mixing
- Supports Mic/line input with Phantom Power
- Supports volume control for Mic audio input
- Supports volume control for audio of video source
- Supports controllable via network, RS232, remote control, and front panel buttons
- Supports 16 preset layouts and 4 custom layouts

Specifications

Dimensions(W*D*H) (mm)	480mm x 215mm x 44.55mm 1U
Weight	1.5kg
Input Resolution	Up to 4K
Input Format	HDMI, DP, USB-C
Output Resolution	Up to 4K
Output Format	HDMI, HDBaseT
IR Port	3.5mm Jack
Analog Audio Output Interface	5-way Phoenix connectors
Analog Audio Input Interface	3-way Phoenix connector and 3.5mm jack
HDCP	Yes
Power Supply	DC 24V 3A
Operating Temperature Range	0~40 degrees centigrade
Operating Humidity Range	10%-90% non-condensing
Storage Temperature Range	-20~60 degrees centigrade
Storage Humidity Range	10%~90% non-condensing
Control Interface	Ethernet port or RS232 or front panel or remote control
Max Power Consumption	30W
Warranty	2 years

Models

Models	Input		Output	
	Video	Audio	Video	Format
SD-PS-M641	4 x HDMI, 1 x DP, 1 x USB-C	Embedded, LINE and MIC Audio Inputs	1 x HDMI, 1 x HDBaseT	Embedded, Balanced Analog and SPDIF Audio

System Diagram

