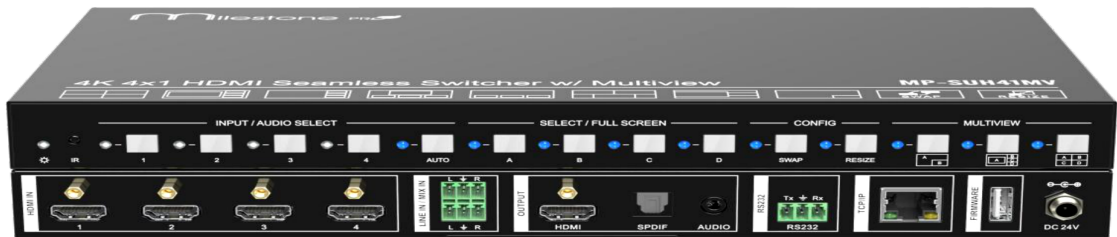


MP-SUH41MV

4K 4X1 Seamless Switcher with Multi-view



PRODUCT OVERVIEW

The MP-SUH41MV is a 4K multi-view seamless video scaler with four HDMI inputs and one HDMI output. It supports displaying four video sources on a single display, with audio embedding/mixing and audio de-embedding. Control is available from the front panel, IR remote, RS232 and web GUI.

KEY FEATURES

- 4 HDMI inputs and 1 HDMI output.
- Supports up to 4K@30Hz 4:4:4 input and up to 4K@30Hz RGB output.
- HDCP 2.2 support and HDMI 1.4 standard.
- Seamless switching between all four HDMI inputs.
- Auto scaler on each source input.
- Audio embedding, mixing and de-embedding.
- 16 pre-defined multi-view layouts plus 4 user-defined layouts.
- Window resizing in supported multi-view layouts.
- Auto-switching in single-window/full-screen mode.
- Control via front panel, IR remote, RS232 and TCP/IP web GUI.

VIDEO SPECIFICATIONS

Video Inputs	4 × HDMI IN (1–4), Type-A female HDMI
Video Output	1 × HDMI OUT, Type-A female HDMI
Maximum Input Resolution	Up to 4K@30Hz 4:4:4
Maximum Output Resolution	Up to 4K@30Hz RGB
HDMI Standard	HDMI 1.4
HDCP	Up to HDCP 2.2
Switching	Seamless switching between 4 input ports
Scaling	Auto scaler on each source input
Multi-view	16 pre-defined layouts; 4 user-defined layouts

AUDIO SPECIFICATIONS

Audio Inputs	1 × LINE IN + 1 × MIX IN; 3-pin terminal connectors
Audio Format	PCM 2CH
Frequency Response — Input	20Hz–20kHz, ±3dB

Maximum Input Level	2.0Vrms ±0.5dB
Input Impedance	>10kΩ
SPDIF Output	1 × SPDIF via Toslink
SPDIF Frequency Response	20Hz–20kHz, ±1dB
SPDIF SNR	>90dB
SPDIF THD+N	<0.05%
Analog Audio Output	1 × 3.5mm mini jack
Analog Output Frequency Response	20Hz–20kHz, ±1dB
Analog Output SNR	>80dB
Analog Output THD+N	<0.05%

CONTROL & CONNECTIVITY

Control Ports	1 × RS232 + 1 × TCP/IP
Control Connectors	3-pin terminal connector + RJ45
RS232	2400 / 4800 / 9600 / 19200 / 38400 / 57600 / 115200 baud
Web GUI	TCP/IP control; static IP or DHCP
CEC	Source and display control via GUI
EDID	Built-in EDID modes and user-defined EDID upload
Firmware	USB Type-A firmware upgrade port

GENERAL SPECIFICATIONS

Operating Temperature	–5°C to +55°C
Storage Temperature	–25°C to +70°C
Relative Humidity	10%–90%
Power Supply	Input: AC 100–240V, 50/60Hz; Output: 24V DC 1.25A
Power Consumption	13W (Max.)
Dimensions (W × H × D)	285 × 27 × 172.5 mm
Net Weight	1.24 kg

PACKAGE CONTENTS

1 × 4K 4×1 Seamless Switcher • 1 × IR Remote • 4 × Plastic Cushions • 2 × Mounting Ears • 4 × Mounting Screws • 2 × 3-pin Terminal Block • 1 × RS232 Cable (3-pin to DB9) • 1 × Power Adapter (24V DC 1.25A) • 1 × User Manual

Important note: The manual states that 1080i 60Hz and HDR are not supported.