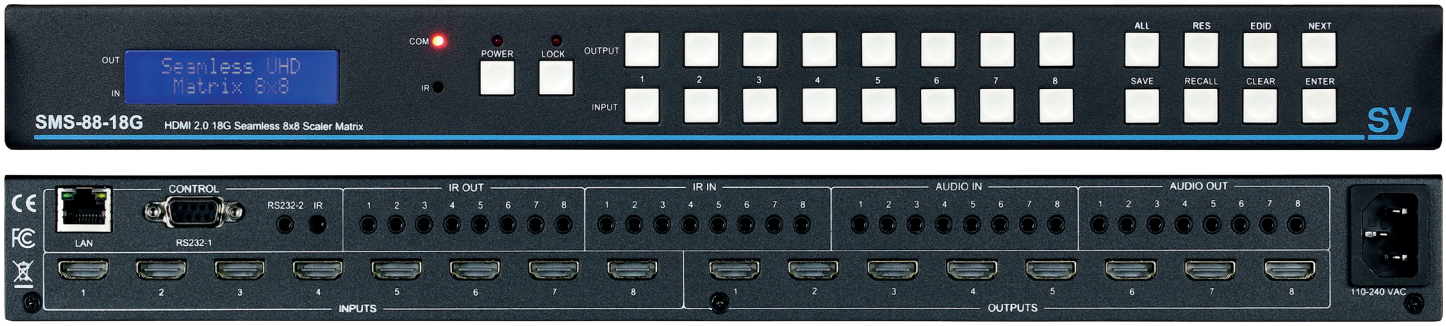
SMS88-18G

8x8 Seamless Switching Matrix 4k60 HDMI 2.0 18G with Scaling and Video Wall Mode



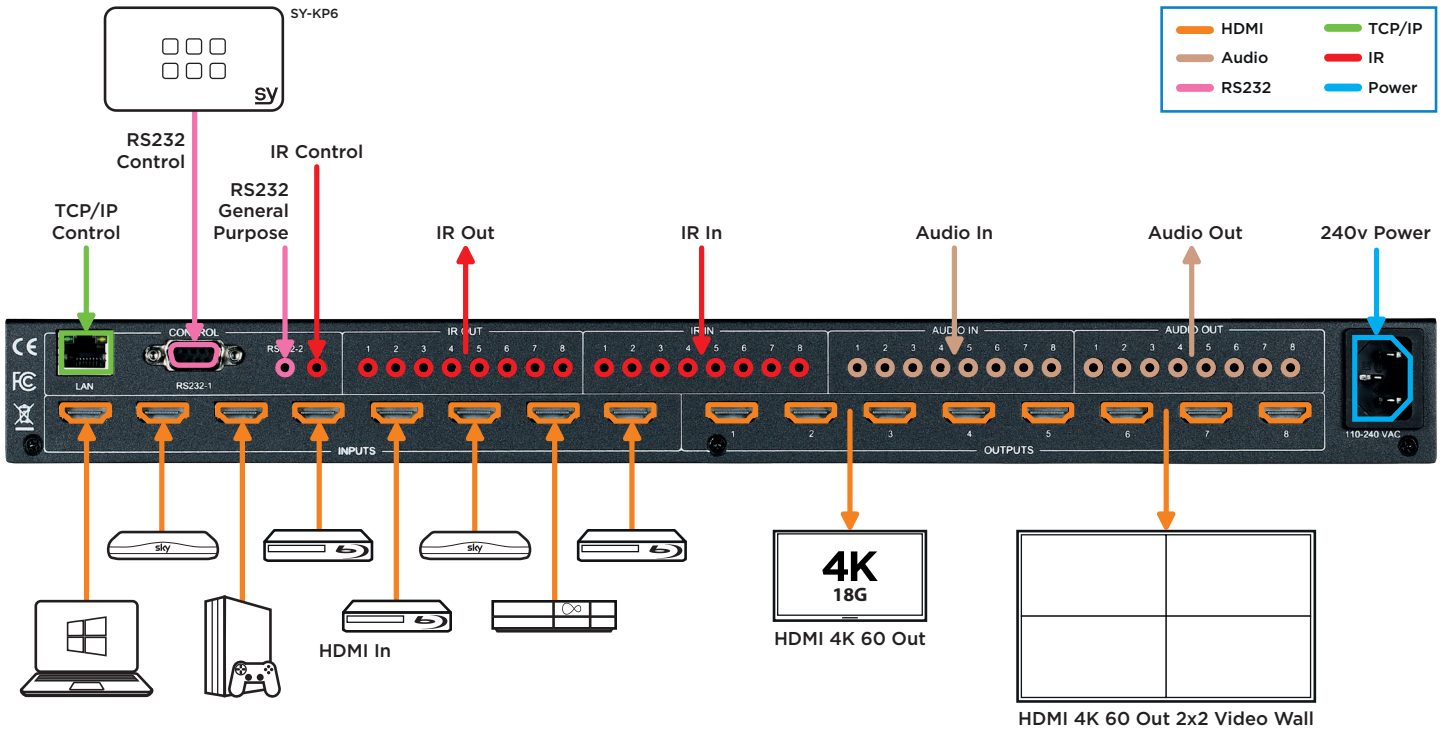
SMS88-18G

The SY-SMS88-18G is a high-performance HDMI 2.0 seamless switching matrix with scaling. Capable of handling HDMI signals up to 4K60 4:4:4 (18Gbps) with HDCP 2.2 control and HDR compatibility. Providing 8 independent HDMI I/O's, this powerful unit can be used as an 8x8 matrix or create a video wall using any of the 8 HDMI outputs. Seamless switching across all HDMI inputs, along with full 4K scaling per output (includes refresh rate). This matrix supports 8x external audio embedding/de-embedding facility via L/R audio jacks. Control via Front Panel, RS232, Lan with built-in Web GUI and PC Software. 8x8 IR matrix and extensive EDID management, all in an easy to install 19" 1U rackmount unit, making it suitable for a wide variety of applications across all the residential, commercial and hospitality sectors.

FEATURES

- **Supports HDMI 2.0 up to 4K60 4:4:4 – 18Gbps**
- **Supports all HDCP up to version 2.2**
- **Seamless switching across all HDMI inputs**
- **Full resolution and refresh rate scaling**
- **Audio embedding for each input – L+R only**
- **Audio de-embedding of each output – L+R only**
- **Independant IR matrix**
- **Extensive EDID management for each input**
- **Controllable from front panel, RS232 or TCP/IP**
- **19in 1U rack mounting**

CONNECTIVITY ILLUSTRATION



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8x8 Seamless Switching Matrix 4k60 HDMI 2.0 18G with Scaling and Video Wall Mode

SPECIFICATIONS

PART NUMBER	SY-SMS88-18G	
VIDEO RESOLUTIONS/FORMATS	All HDMI resolutions to 4096x2160p 60Hz 4:4:4	
BANDWIDTH	18Gbps	
HDCP	Compatible with all versions up to 2.2	
HDMI	HDMI 2.0	
INPUTS	**Video** 8x HDMI type A 2.0	**Audio** 8x 3.5mm TRS L+R
OUTPUTS	**Video** 8x HDMI type A 2.0	**Audio** 8x 3.5mm TRS L+R
CONTROL	Front panel IR RS232 LAN	
POWER SUPPLY	110~240V AC	
POWER CONSUMPTION	100W Max.	
WEIGHT AND DIMENSIONS	**Weight (net)** 5kg	**Size (WHD)** 430 x 44 x 300mm (Without rack mounted ears and other connectors)
WHAT'S IN THE BOX	1x SMS88-18G 2x Rack mounting brackets (already fitted) 1x AC Power cord 1x SMS88-18G User manual	

SY-SMS88-18G Data Sheet 01.2. Details subject to change with no prior notice. ©SY Electronics 2020