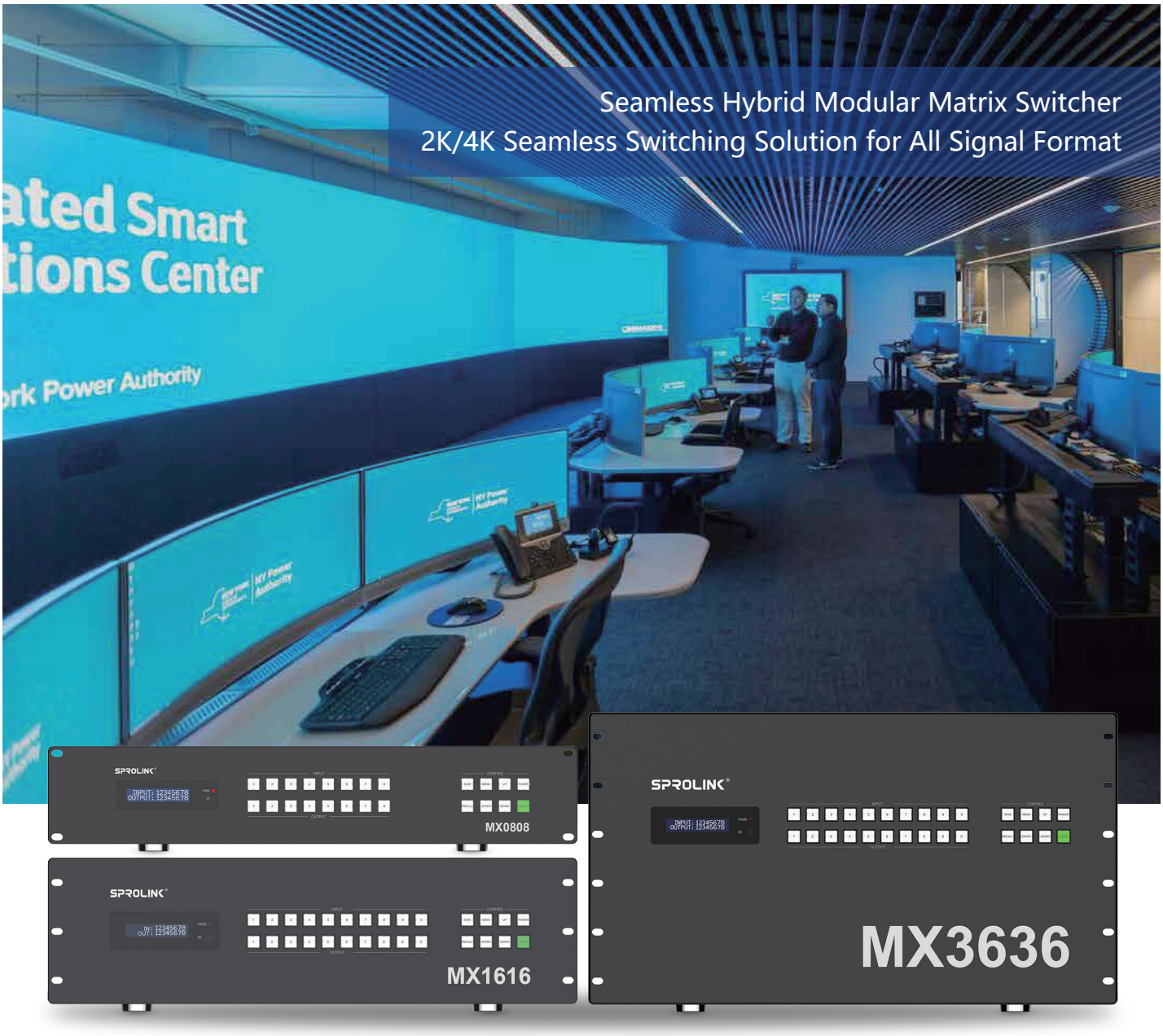


MX Series

Seamless Switching Hybrid Matrix Switcher

SPROLINK®

PRODUCT INTRODUCTION



MX Series is a fully modular seamless switching hybrid matrix switcher.
It supports expansion chassis in 2U, 3U, and 6U configurations, allowing flexible combinations of input and output channels with various interfaces based on project requirements. The system adopts a rear-pluggable module structure, each input and output card support 4 signal channels, fully covering Resolutions from 2K up to 4K@50/60Hz.

Compared to traditional matrix switchers or hybrid matrix systems, MX Series enables seamless switching for all input channels without signal interruption, making it ideal for high-end display applications and ensuring the overall stability of the AV system.

Additionally, the MX Series support splicing for multiple outputs. Support front panel control, RS-232, and TCP/IP control. It is a versatile and user-friendly solution for system integration projects, making it suitable for conference rooms, auditoriums, training rooms, control rooms, and command centers in multimedia large-screen display applications.

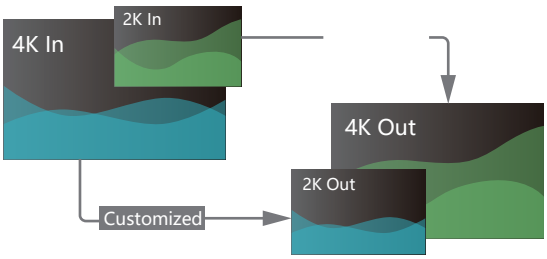
Product Features

☆ Supports Up/Down Scaling for Each Channel
☆ Maximum Video Resolution up to 4K@50/60 RGB 4:4:4 24-BIT
☆ Modular Design with Hybrid Card-based Matrix Architecture
☆ Supports a Wide Range of Input/Output Formats: HDMI, DVI-U (DVI/VGA/YPBPR/CVBS), VGA, 3G/HD/SD-SDI, HDBaseT And FIBER Optics
☆ Seamless Switching with No Screen Tearing, Avoid Black Screens, No Flickering During Signal Transitions
☆ Supports Video Wall Splicing
☆ Independent Resolution Setting for Each Output Channel
☆ Built-in Signal Equalization, Signal Regeneration, and Amplification Circuitry
☆ Input/Output Signal Status Monitoring with Web-based GUI
☆ Audio Embedding and De-embedding Capabilities
☆ Up to 64 Scene Presets with One-touch Recall
☆ Intelligent EDID Management With EDID Copy and Built-in EDID Options
☆ Multiple Control Methods: Front Panel Buttons, IR Remote, RS-232, TCP/IP, Web GUI, and PC Control Software
☆ Built-in Pre-configured User Interface

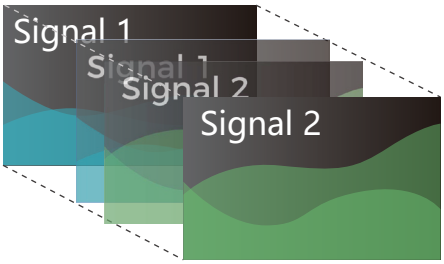
PRODUCT INTRODUCTION

Resolution Scaling

Support independent Resolution setting for each output channel via software.



Seamless Switching for Input Channels



Audio Accompanies Input and Output

Support audio embedding and de-embedding.

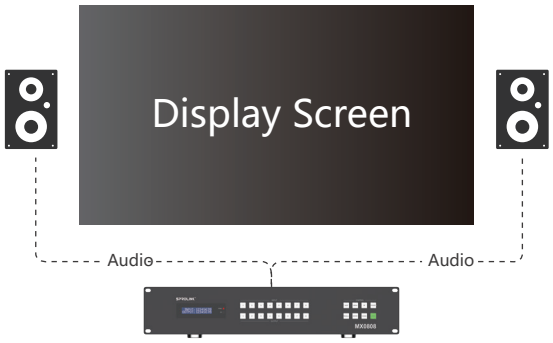
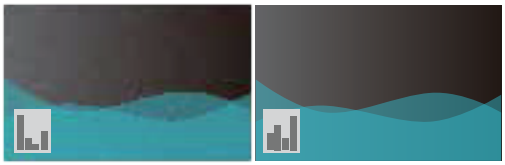


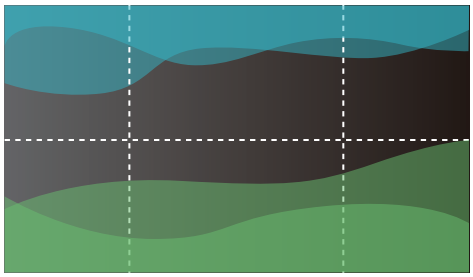
Image Quality Adjustment

Supports brightness, contrast, saturation, and sharpness adjustment.



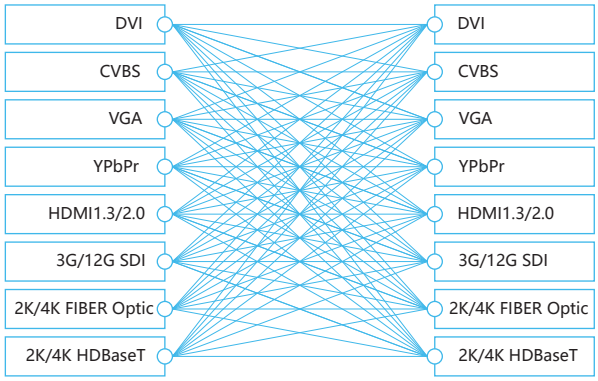
Video Wall Splicing

Output channel can be set in splicing for video wall



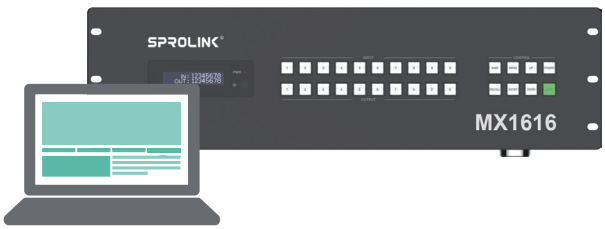
2K/4K Format Conversion

Supports a wide range of signal formats including:
FIBER Optic, HDBaseT, DVI, HDMI, 12G-SDI, VGA, CVBS, and More



Multiple Control Platform

Users can control device by front panel or IR remote. MX series also support Web GUI and PC software control by RS-232 and TCP/IP.



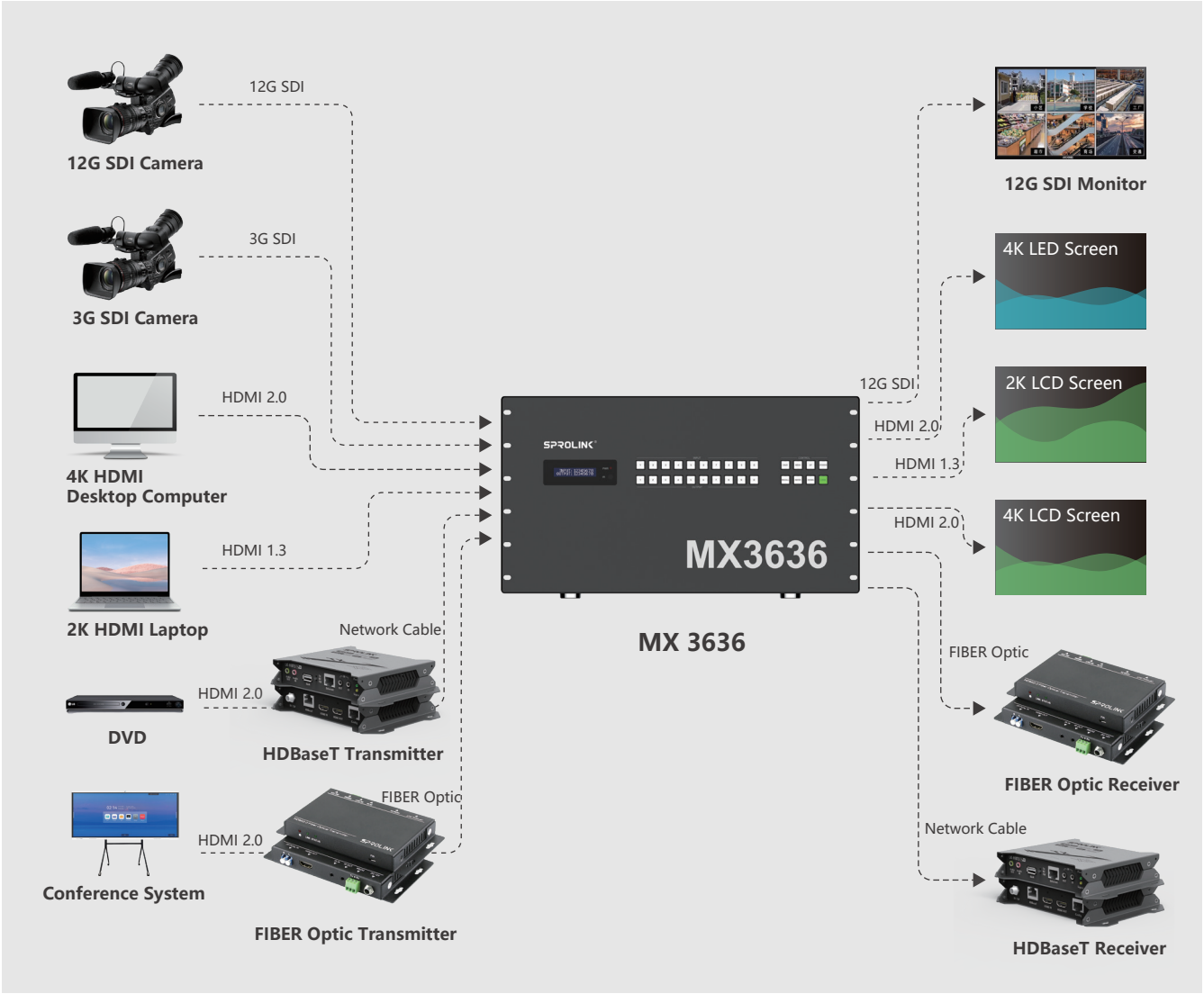
Scene Presets

Supports up to 64 customized scene presets and recall.

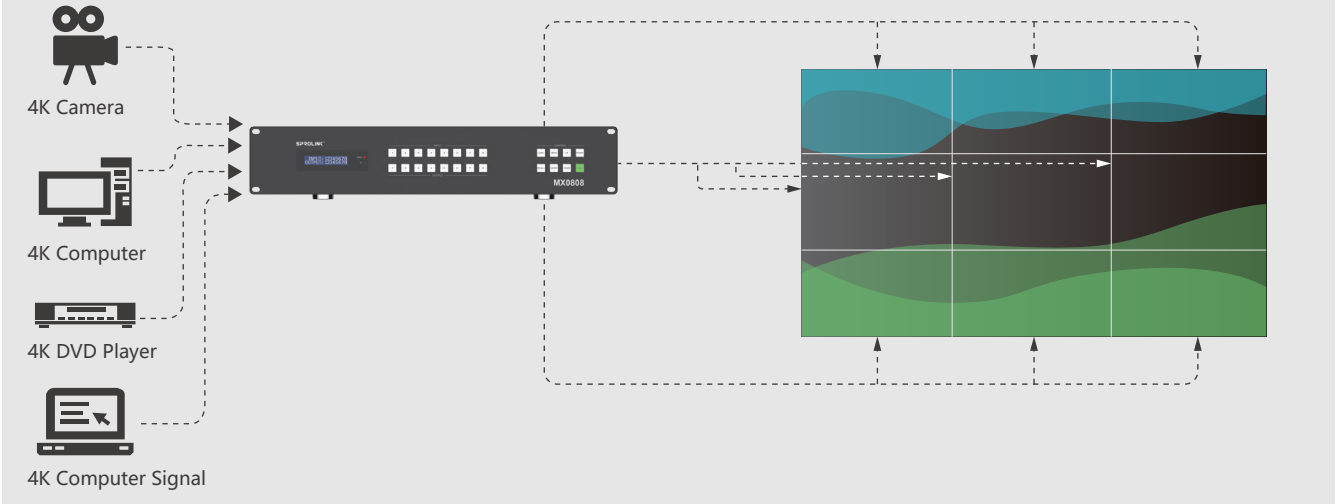


PRODUCT APPLICATIONS

Application 1: Seamless Switching of All Input Channels on Multiple 2K or 4K Displays.



Application 2: Output Splicing for Multiple LCD Display.



SPECIFICATIONS

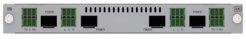
Model		 MX 0808	 MX 1616	 MX 3636
Specification		2U	3U	6U
Number of Input Slots		2	4	9
Number of Output Slots		2	4	9
Size	Bare Metal Size	483x377x89mm	483x379x133mm	483×378×266mm
	Bare Metal Weight	5.95KG	8.62KG	15.4KG
Power Supply	Input Voltage	AC 100-240V, 50Hz		
	Power Consumption	40W~190W (With Different Input and Output Boards)	80W~320W (With Different Input and Output Boards)	200W~840W (With Different Input and Output Boards)
Work Environment	Working Temperature	0°C~ 40°C/ 32°F ~ 104°F		
	Storage Humidity	20~90% RH		
	Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F		

 Program Control Card	1 X RS-232 Serial Communication Port 4 X COM Ports (3-pin Phoenix Connectors) 3 X Standard 10M/100M Ethernet RJ45 Ports Ir-serial & Relay & I/O Port for Central Control

INPUT

 **2K HDMI Input Card**	Model：MX-HDMI1.3*4-I Signal Channels :4 HDMI Input Signals ； Resolution：2K
 **2K DVI Input Card**	Model：MX-DVI*4-I Signal Channels ： 4DVI Input Signals； Signal Format: DVI1.0\tmds ； Resolution:2K
 **2K VGA Input Card**	Model：MX-VGA*4-I Signal Channels ： 4VGA Input Signals；signal Format：rgb ； Resolution：2K
 **2K HDBaseT 70 Meters Input Card**	Model：MX-2K HDBT*4-I-70m Signal Channels ： 4HDBT Input Signals；Resolution：2K
 **2K HDBaseT 100 Meters Input Card**	Model：MX-2K HDBT*4-I-100m Signal Channels ： 4HDBT Input Signals；Resolution：2K
 **2K HDBaseT 150 Meters Input Card**	Model：MX-2K HDBT*4-I-150m Signal Channels ： 4HDBT Input Signals；Resolution：2K Proprietary Protocol, Must Be Used With Our Lk-2K HDBT-150m-tx Hd Baset Box, Not With Other Boxes On The Market.
 **3G SDI Input Card**	Model：MX-3G SDI*4-I Signal Channels :4 SDI Input Signals；Resolution：2K
 **2K FIBER Input Card**	Model：MX-2K FIBER*4-I Signal Channels :4 FIBER Input Signals；Resolution：2K
 **4K HDMI Input Card**	Model：MX-HDMI2.0*4-I Signal Channels :4 HDMI Input Signals；Resolution：4K
 **4K HDBaseT 70 Meters Input Card**	Model：MX-4K HDBT*4-I-70m Signal Channels :4 HDBT Input Signals；Resolution：4K
 **4K HDBaseT 100 Meters Input Card**	Model：MX-4K HDBT*4-I-100m Signal Channels :4 HDBT Input Signals；Resolution：4K
 **4K HDBaseT 150 Meters Input Card**	Model：MX-4K HDBT*4-I-150m Signal Channels :4 HDBT Input Signals；Resolution：4K Proprietary Protocol, Must Be Used With Our Lk-4K HDBT-150m-tx Hd Baset Box, Not With Other Boxes On The Market
 **4K FIBER Input Card**	Model：MX-4K FIBER*4-I Signal Channels :4 FIBER Input Signals；Resolution：4K

OUTPUT

 **2K HDMI Output Card**	Model：MX-HDMI1.3*4-O Signal Channels :4 HDMI Output Signals；Resolution：2K
 **2K DVI Output Card**	Model：MX-DVI*4-O Signal Channels ： 4DVI Output Signals； Signal Format: DVI1.0 \tmds ； Resolution :2K
 **2K VGA Output Card**	Model：MX-VGA*4-O Signal Channels ： 4VGA Output Signals；signal Format：rgb ； Resolution：2K
 **2K HDBaseT 70 Meters Output Card**	Model：MX-2K HDBT*4-O-70m Signal Channels ： 4HDBT Output Signals；Resolution：2K
 **2K HDBaseT 100 Meters Output Card**	Model：MX-2K HDBT*4-O-100m Signal Channels ： 4HDBT Output Signals；Resolution：2K
 **2K HDBaseT 150 Meters Output Card**	Model：MX-2K HDBT*4-O-150m Signal Channels ： 4HDBT Output Signals；Resolution：2K Proprietary Protocol, Must Be Used With Our Lk-2K HDBT-150m-tx Hd Baset Box, Not With Other Boxes On The Market.
 **3G SDI Output Card**	Model：MX-3G SDI*4-O Signal Channels :4 SDI Output Signals；Resolution：2K
 **2K FIBER Output Card**	Model：MX-2K FIBER*4-O Signal Channels :4 FIBER Output Signals；Resolution：2K
 **4K HDMI Output Card**	Model：MX-HDMI2.0*4-O Signal Channels:4 HDMI Output Signals；Resolution：4K
 **4K HDBaseT 70 Meters Output Card**	Model：MX-4K HDBT*4-O-70m Signal Channels :4 HDBT Output Signals；Resolution：4K
 **4K HDBaseT 100 Meters Output Card**	Model：MX-4K HDBT*4-O-100m Signal Channels :4 HDBT Output Signals；Resolution：4K
 **4K HDBaseT 150 Meters Output Card**	Model：MX-4K HDBT*4-O-150m Signal Channels :4 HDBT Output Signals；Resolution：4K Proprietary Protocol, Must Be Used With Our Lk-4K HDBT-150m-tx Hd Baset Box, Not With Other Boxes On The Market.
 **4K FIBER Output Card**	Model：MX-4K FIBER*4-O Signal Channels :4 FIBER Output Signals；Resolution：4K

SPROLINK®

CREATIVE VIDEO REVOLUTION

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