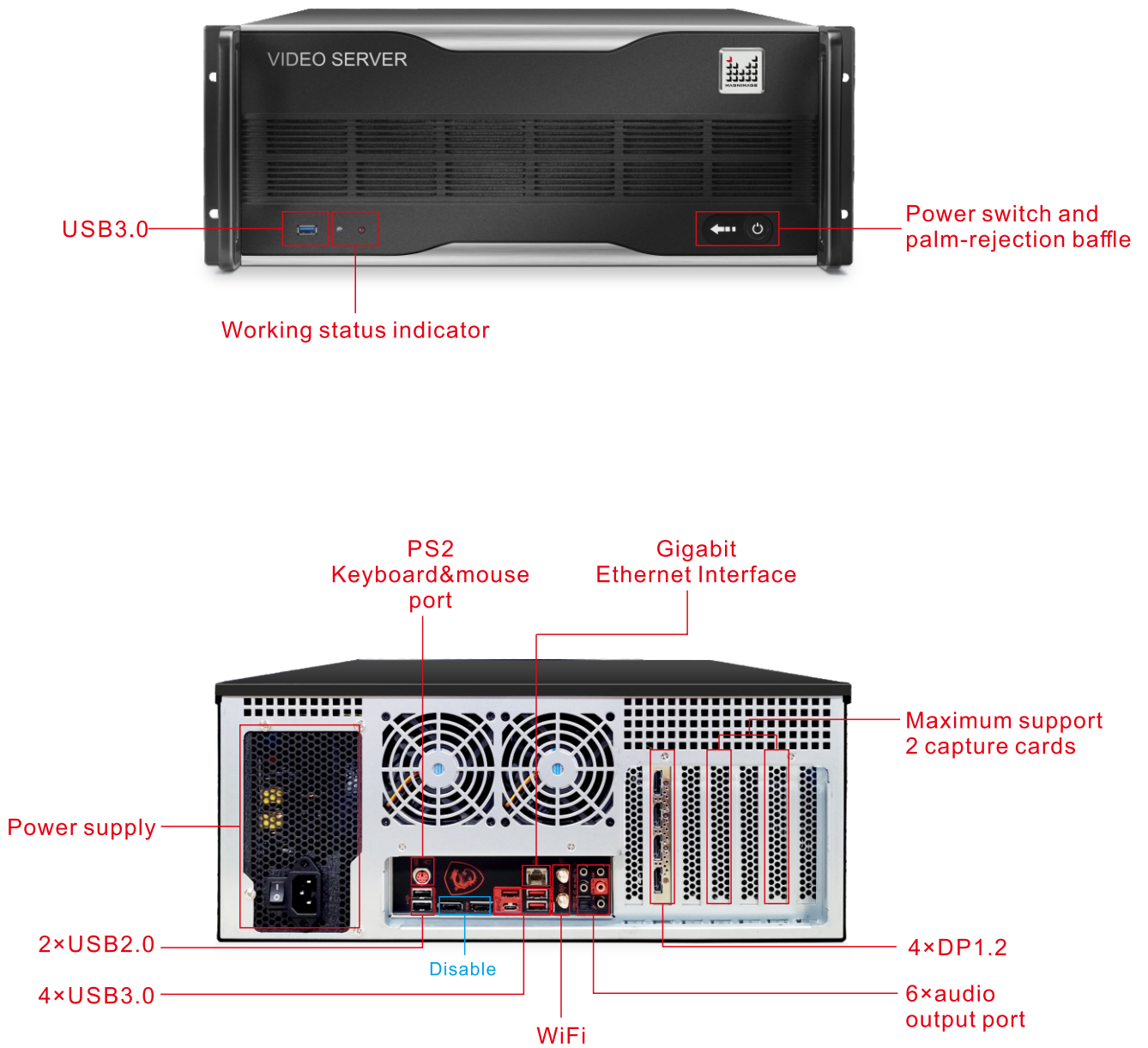# MIG-M3K
Video Server

MIG-M3K is a high performance media server by using server-level CPU, main board, memory, power supply and other high-end hardware, with strong, stable and flexible expansion characteristics. it can reach 3 channels of 4K×2K or 6 channels of 4K×2K lossless video smooth playback and ensure the stable working condition of 7×24 hours.

Bult-in Video Server Series Software, which support ulimited layer, unlimited scenes, scenes switch pre monitoring, scene loop mode, layer special-shaped effects etc., easy to decode and play the big resolution video and to manage multi videos. The strong working ability of MIG-M3K will bring great efficiency improvement for the people in the industry.
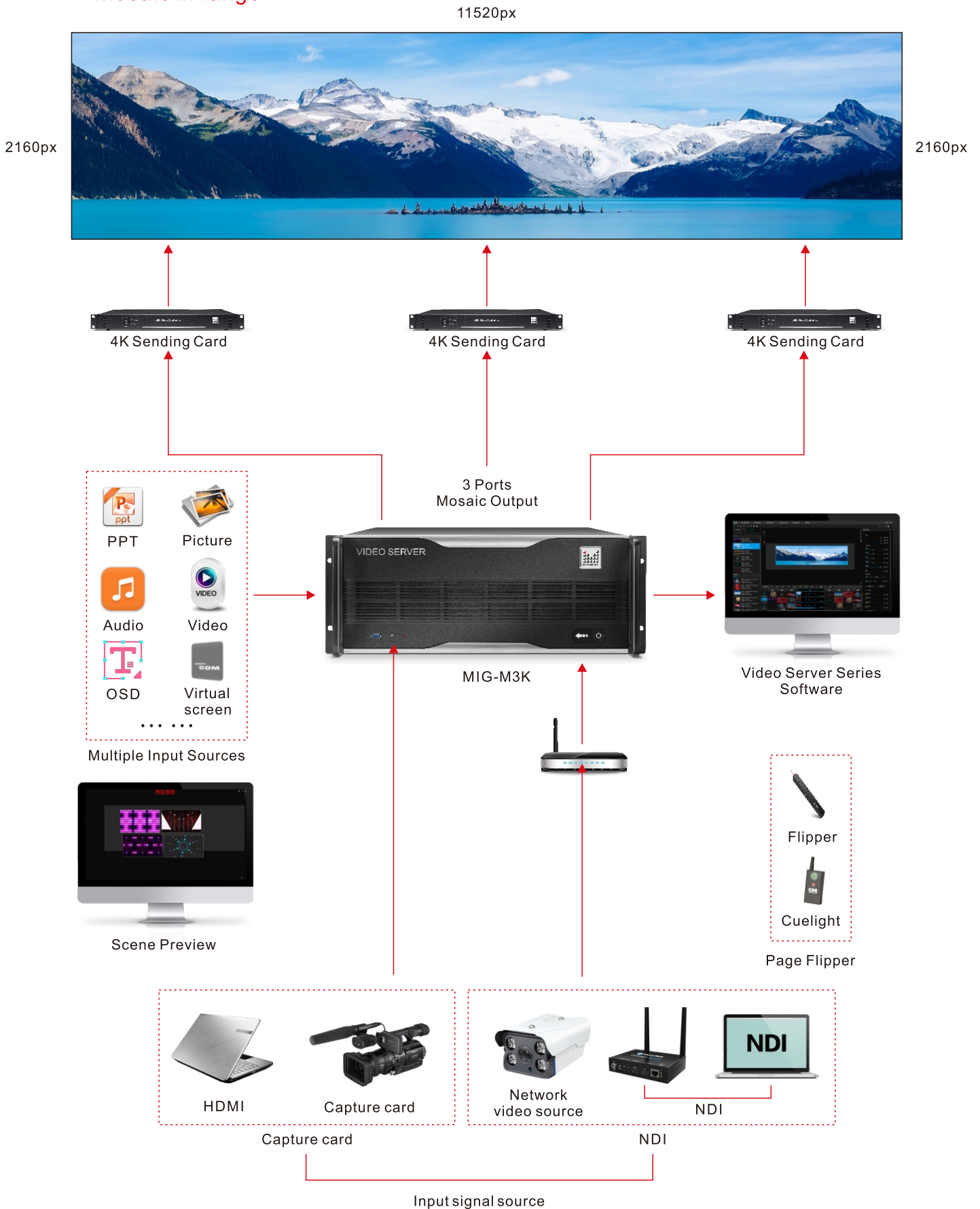
Features

- 3 channels of 4K×2K@60Hz mosaic output
- Virtual screen
- HAP Q code
- Output port virtual zoom function
- Continuous scenes loop playback
- Automatic software update
- Drag files and folders in signals list
- Communication protocol
- Change playback time in batch
- Scene random switch
- OSD Subtitle scrolling and background customization
- MIDI keyboard and PC keyboard operation can be externally controlled
- Lite version master and standby machine back-up function
- Artnet protocol control
- OSC protocol control
- Downward compatibility of software engineering documents, Support v2.0.0.8 and above
- Playing HDR video

- Capture card function
- PPT turn-page function, support Cuelight flipper
- PPT compatible with WPS and MS Office
- Support NDI aquisition box
- Fast drop out
- Left and right channels, stereo channels
- Material custom duration (except video)
- Custom configuration master layer
- Layer properties polygon effect
- Custom layer mask
- Main KV switch
- Windows version support Spout input/output
- Instant lockdown software
- Scene replication
- Layer arbitrarily marshalling
- On/Off system restore and custom restore point
- Custom scene layer template
- Support long video source splicing

◫ Panel Introduction

VIDEO SERVER

USB3.0

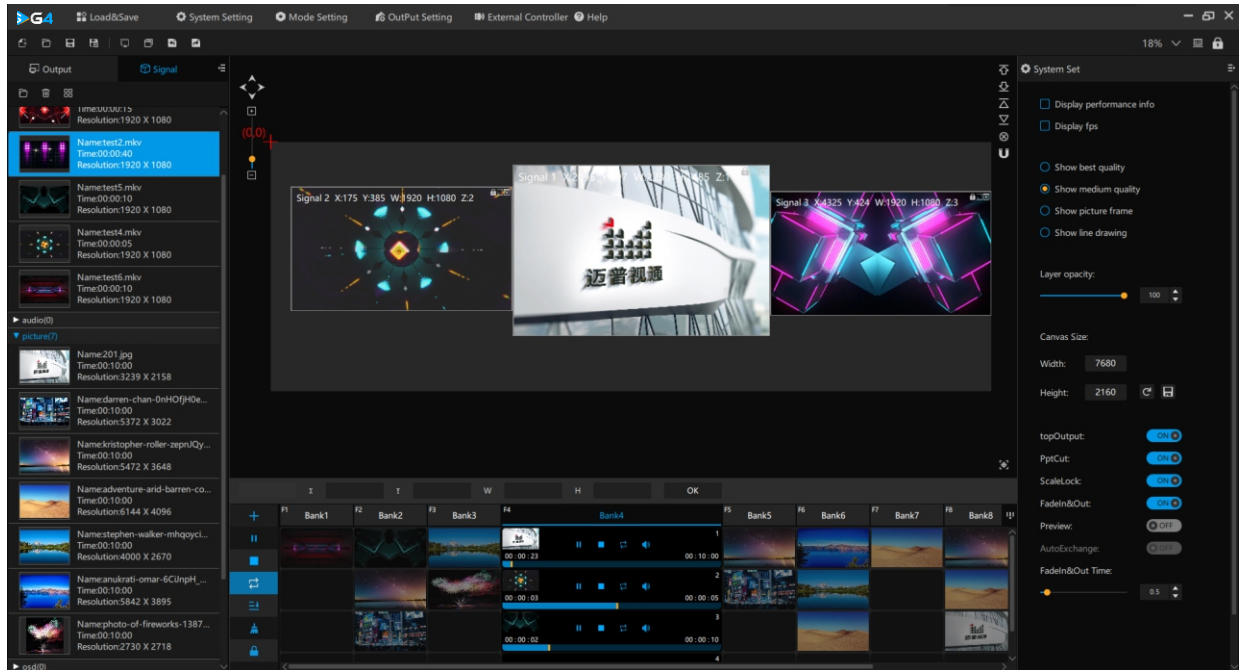Working status indicator

Power switch and palm-rejection baffle

PS2 Keyboard&mouse port

Gigabit Ethernet Interface

Maximum support 2 capture cards

Power supply

2×USB2.0

Disable

4×USB3.0

WiFi

4×DP1.2

6×audio output port

▢ Support 3 channels DP mosaic output, 12K×2K pixel to pixel mosaic in range

11520px

2160px

2160px

4K Sending Card

4K Sending Card

4K Sending Card

3 Ports
Mosaic Output

PPT

Picture

Audio

Video

OSD

Virtual screen

• • • • • •

Multiple Input Sources

VIDEO SERVER

MIG-M3K

Video Server Series Software

Scene Preview

Flipper

Cuelight

Page Flipper

HDMI

Capture card

Network video source

NDI

NDI

Capture card

NDI

Input signal source

⬚ Humanized Design, Convenient Operation

Video Server Series Software has user-friendly design of the operation interface, users can quickly get familiar with every function, it can be automatically list all video output ports of the running host machine, support console control and free-form

⬚ Rich video source and capture card functions

Compatible with all current playback material formats, including video, audio, picture, PPT, OSD, NDI and network video source material. Support the simultaneous acquisition of multiple camera signals, PPT page turning function, to meet the diversified broadcast control needs.
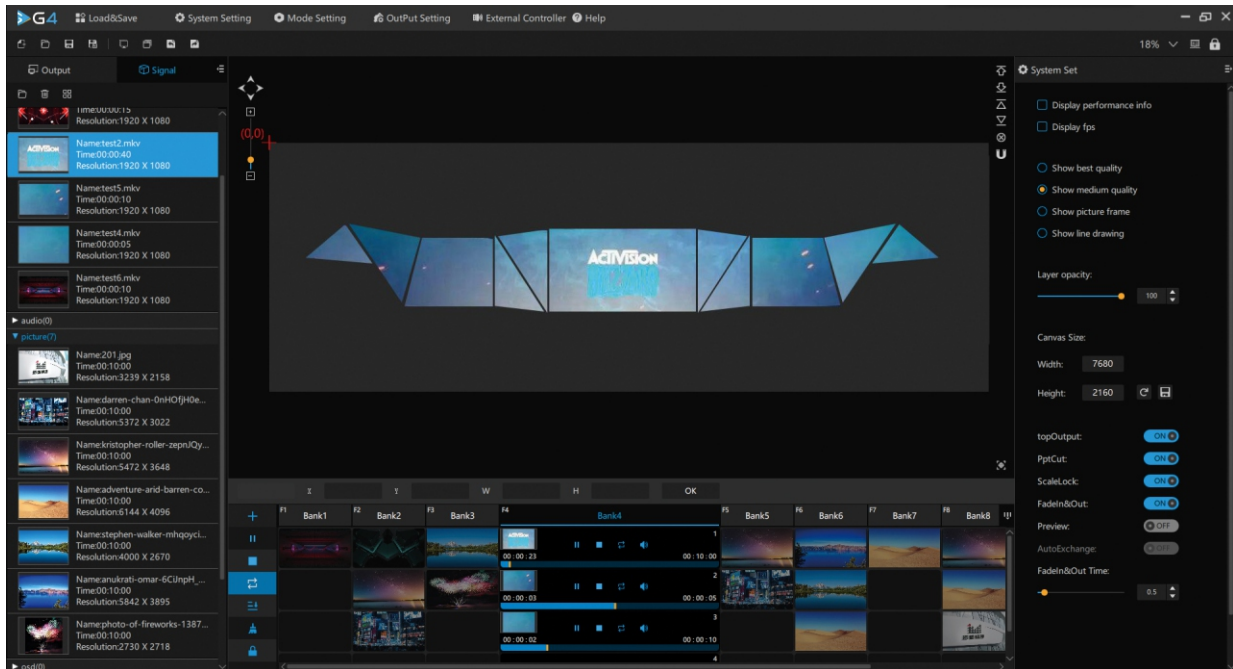
⬚ Fast editing, powerful function

Using picture editing and layer mode operation, fast and accurate editing, preview and positioning of various video sources, it supports color adjustment, image setting, special-shaped editing, angle selection and other functional settings of the video screen.

⬚ Real time preview function

It supports the real-time preview function for video playing, which helps you preview the video picture quickly and accurately.

🔲 **Specification**

Configuration (standard)

Output	DP1.2*3	3840*2160/60Hz and EDID
Operation Output interface	DP1.2*1	3840*2160/60Hz and EDID
CPU		i7-9700KF
Memory		8G
System Disk		128G
Storage Disk		512B
Graphics Card		P2000
Restore Card		System restoration
Operation System		Win10 Pro
Media Software		Bult-in Video Server Series Software
Gongle		Video Server Series Software
Restore Card		1
Power Supply		1
Fan		2

Description of Capture Card

Entended Accessory Model	Port	Quantity	Specification	Remarks
MIG-GA-CP1S	SDI+DVI	2	VESA/3G-SDI	DVI*1+SDI*1 for a single card,choose 1 to use
MIG-GA-CP2S	SDI	2	3G-SDI	2 ports can be used at same time
MIG-GA-CP4S	SDI	4	3G-SDI	4 ports can be used at same time

SSD

Entended Accessory Model	Port	Specification
MIG-GA-M500	M.2 NVME	500G
MIG-GA-M1T	M.2 NVME	1TB
MIG-GA-M2T	M.2 NVME	2TB