# iSEMC

# Dual-4K Flagship Processor

## VPC40M Series

## ❮ INTRODUCTION

VPC40m is a controller with powerful video input and processing capacity. It supports 4K inputs with DP 1.2 and HDMI 2.0 connectors, and 2K inputs with HDMI 1.4 and DVI connectors. A single unit features a loading capacity of 26.21 million pixels. Equipped with 40 Gigabit Ethernet ports and 4x10G optical fiber ports, VPC40m is able to meet the need of different clients. Additionally, X40m boasts abundant practical functions that enable flexible screen control and high-quality image display.

## ❮ FEATURES

- Up to 6-window display, 1 layer per window.
- Support freely moving the window, the size is at least
- 64x64.Support freely cropping and seamless switching, the size is at least
- 64x64Adjustingdisplay color gamut with precision color management, it needs corresponding specific receiving cards.
- lock internal sync, input signal source frame, automatic phase locking (according tothe layer).
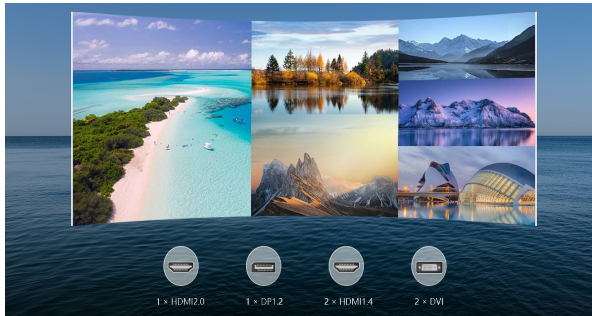- Bright and color temperature adjustment with precision. 3D display (purchase separately).

## VPC40M Series

# ◢ RELEVANT FUNCTION INDICATION

## Ultra 8K×2K Load Capacity, Up to 26 Million Pixels.

Flexible switching between two output modes: 40×Gigabit Ethernet ports and 4×10G fiber ports.



## 6-Layer Free Splicing, Meeting Various Display Needs.

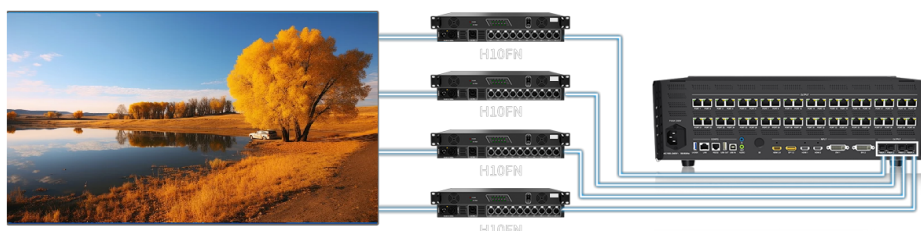Inputs of 6 signals ( 1×HDMI2.0, 1×DP1.2, 2×HDMI1.4, 2×DVI ), Free layout of 6 layers.



Maximum width of 16,384 pixels, maximum height of 8,192 pixels.

## Playback via USB Drive, Convenient and Effortless.

Supports decoding and playback of various image and video formats.
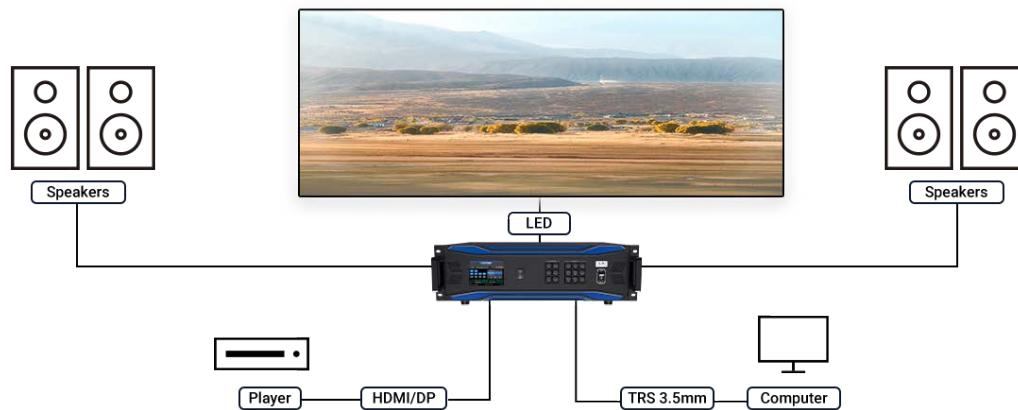


## Ultra-long Distance, Stable Transmission.

4×10G fiber ports, capable of stable transmission over ultra-long distance.

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# ◣ RELEVANT FUNCTION INDICATION

## Independent Audio Ports Provide Spectacular Sound.

Equipped with Hi-Fi audio input and output ports,
it extracts from the HDMI/DP signal and output the audio to speaker through the device audio port. Speaker system make it easier to operate.
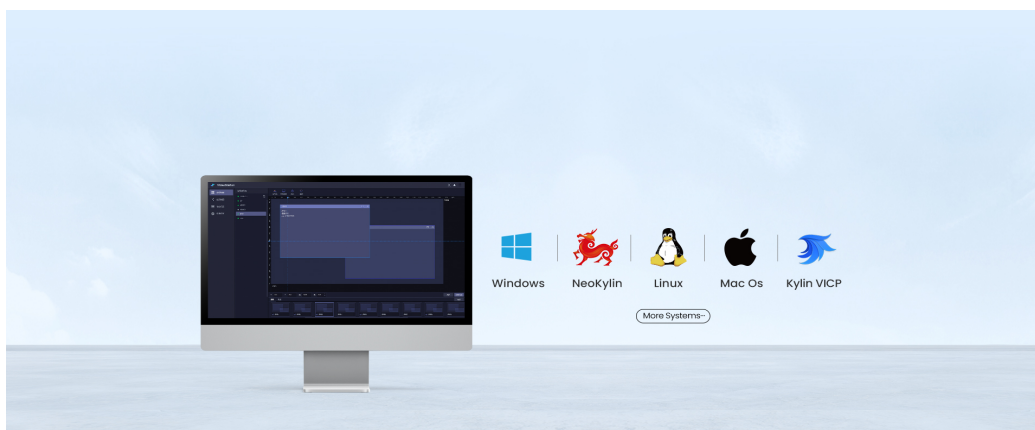


## OSD Remote Display, Instant Face-to-Face Settings.

Connect to external intelligent control unit, Remote control of OSD display via Bluetooth.



## Web Control for Easy Management.

Supports Web control, compatible with multiple operating systems. Manage and control devices easily, no need for client software.

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# SPECIFICATIONS

| | VPC40M |
|---|---|
| Loading capacity | 26 million pixels<br>Up to 16384 pixels in width<br>Up to 8192 pixels in height |
| Input | 1xDP1.2,1xHDMI2.0<br>2xHDMI1.4,2xDV, USBx1 |
| Maximum Resolution | 4096x2160@60HZ |
| Output | 40x1G Ethernet/4x10G Fiber |
| Control | LAN/USB/RS232 |
| Video processing | PIP, Cropping. Scaling, Splicing |
| Layers | 6 |
| Preset | 128 |
| U-Disk Playback | √ |
| Audio | √ |
| Loop backup | √ |

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