

RY-MS4KU_C Series

RY-MS4K_C Standard

RY-MS4KS_C Expanding SDI Input

RY-MS4KU_C Expanding USB, CV Input

4K Input Multi-window Splicer

2 Group Of 4-Channel 8 DVI Output

2 Layers Can Arbitrary Cross-zone

Maximum Open To 4 Windows

Support Layer Mirror Rotation

Largest Splicing Resolution:

15360x640@60Hz、4608x2304@60Hz

3072x3072@60Hz、960x8640@60Hz

- ▶ Support USB playback
- ▶ Support video and image mixing (PIP/POP)
- ▶ Support custom resolution
- ▶ Support maximum loading capacity up to 10.5 million pixels
- ▶ Support Fade in / Fade out transition
- ▶ Support optional EDID input
- ▶ Support one-key black screen function
- ▶ IPS multi-color display screen
- ▶ Support PC control via USB
- ▶ Audio & Video Switching: Synchronous switching, full/partial display support
- ▶ Key lock function supported
- ▶ Fast input signal backup (auto switch when main source fails)
- ▶ Multi-language support: English and Vietnamese
- ▶ Support 12-bit signal depth
- ▶ Support color reproduction / color management function
- ▶ Support power connection error protection
- ▶ Support data backup and one-click repair



■ 4K Ultra High-definition Input



Support 4K*2K Input



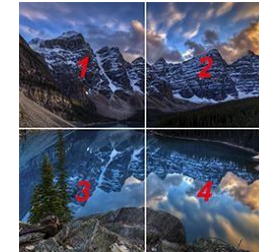
4K@60Hz Picture Quality Better

■ Mightiness Hardware Splicing Core

Custom Resolution Output, The Longest Can Be To 15360 Pixels, The Highest Can Be To 8640 Pixels.



Horizontal Splicing



2*2 Splicing



Vertical Splicing

■ Image Rotation And Mirror Function



Normal Input



90°



180°



270°



Horizontal Mirror

■ Windows Arbitrary Scaling And Roaming



2 Layers Can Arbitrary Cross-zone
Maximum Open To 4 Windows

Front And Real Panel

Menu Operation

OK: Confirmation Button
ESC: Return Operation Key
Knob: Adjust Menu Parameters

LED Display Screen

Displaying Data&Providing Human-machine

Input Signal Source

The First Opens The Layer Switch,Then Selects The Layer To Control, And Selects The Corresponding Input Signal Source:
HDMI1、HDMI2、HDMI3、DP、VGA、DVI1、DVI2、CVBS/USB
BLACK: One Key Black Screen ;
Test: Testing Function, 11 Test Patterns Are Built-in The Machine;

FREEZR: One Key Windows Freeze

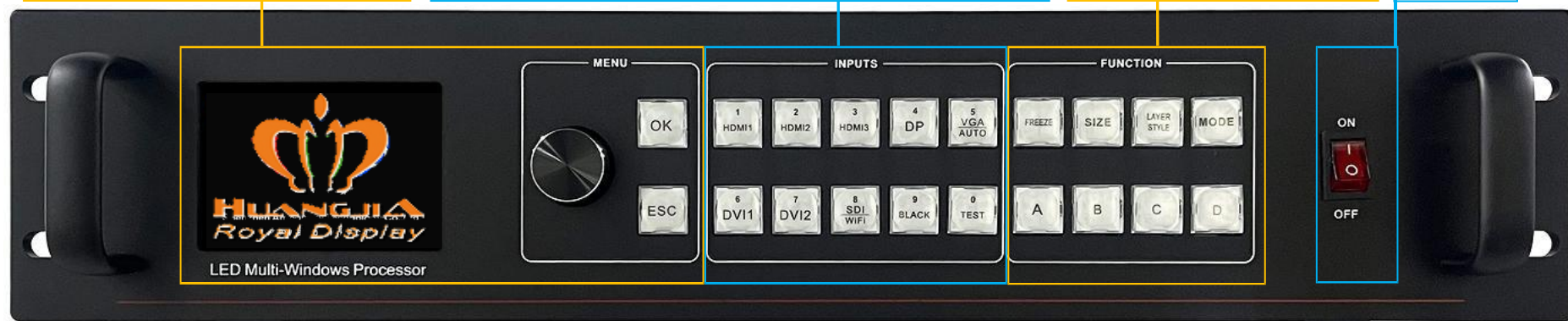
SIZE: Control Layer Size

Layer Style: Layer Mode

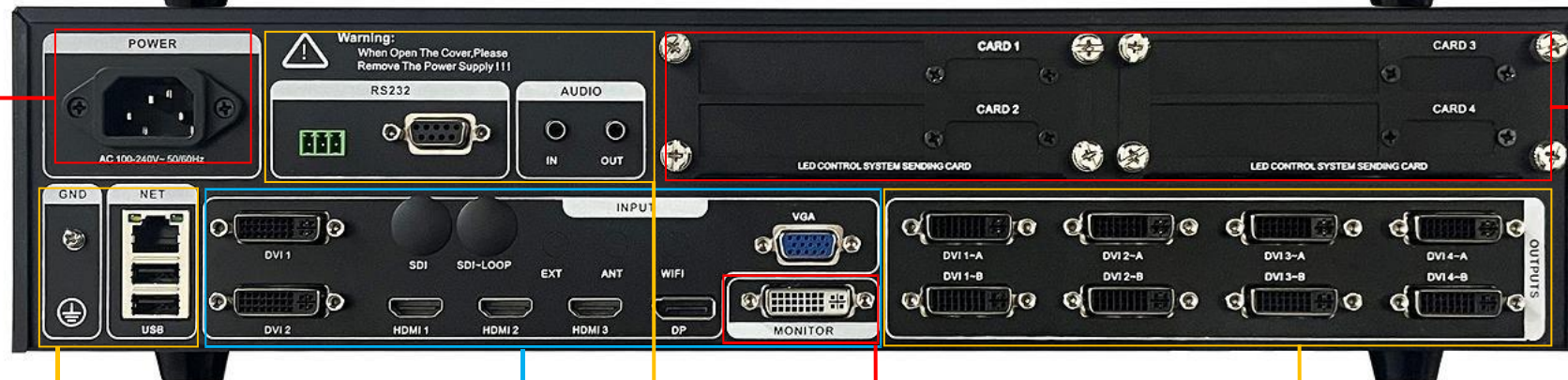
Mode: Mode Recall Button

A、B、C、D: Select The Layer To Be Operated

Power
Switcher



Power
Connector



Install Sending
Card Slot

MS4k_C Supports
Built-in 4 Standard
Sending Cards

GND: Earthing Terminal;
Net: Upper Computer Port ;
USB: Support USB
playback

Input Signal Connector:

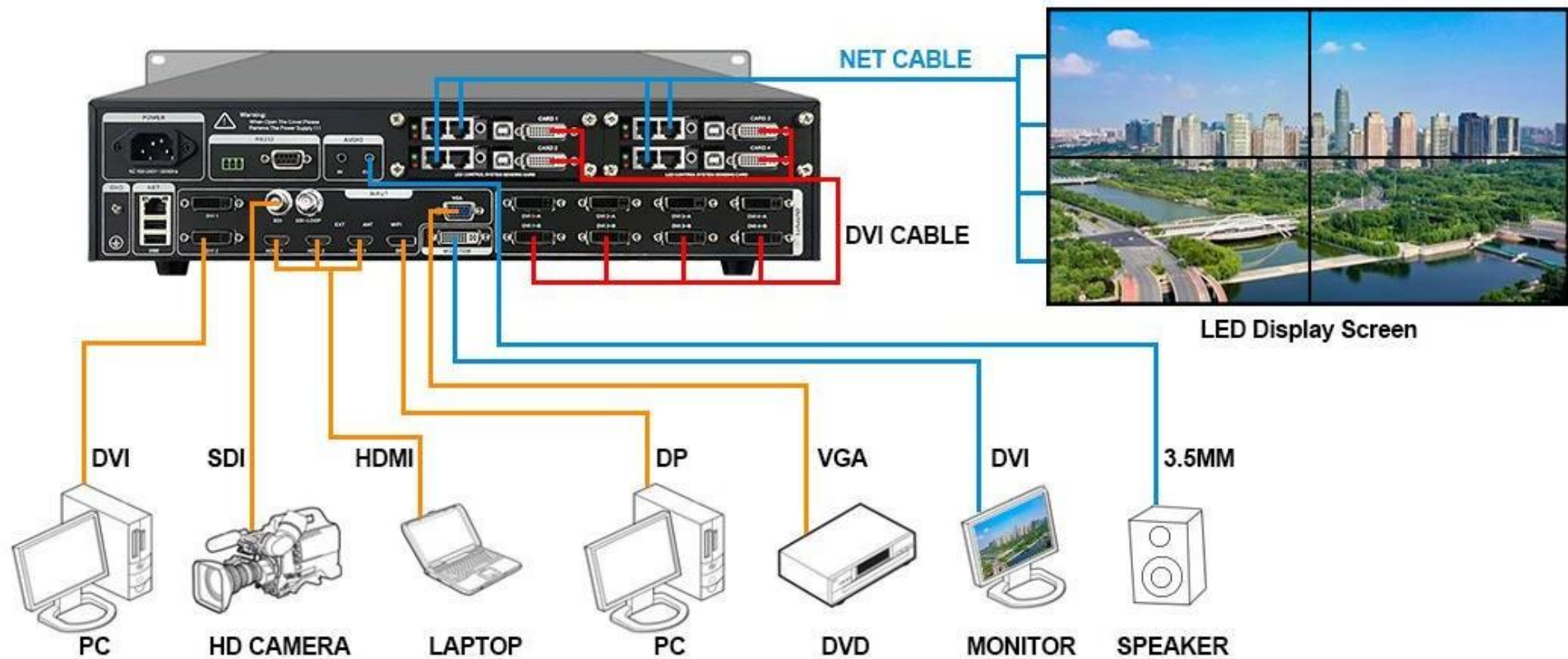
The Input Signal Source Is: 2 DVI, 3 HDMI,
1 DP, 1 VGA, 1 SDI/1, CVBS (Expand)
WiFi & Ant Are Reserved For Expansion!

RS232: Factory
Program Used;
Audio In: DVI/
VGA Audio Input;
Out: Audio Output;

Monitoring
Output

Output Connector:

MS4K_C: Have 4 Channel Outputs (1, 2, 3, 4),
Each Channel Has 2 DVI-I Connectors.
MS16K_C: Have 8 Channel Output (1, 2, 3, 4, 5, 6, 7, 8) ;



USB Input

Quantity	1
Connector	USB
Signal Standard	USB-A
Supported Resolutions	1920x1080@60Hz (rm,rmvb,mp4, mov,mkv,wmv,avi,3gp) .jpg .jpeg .png .bmp;

HDMI Input

Quantity	3
Connector	HDMI
Signal Standard	HDMI 1 & HDMI 2 (HDMI1.4) , HDMI 3 (HDM2.0) , DVI1.0 ;
Supported Resolutions	VESA, 3840*2160@30/60Hz, 2560*1600@30Hz, Customized EDID;

DVI Input

Quantity	2
Connector	DVI-I
Signal Standard	DVI 1.0, HDMI 1.4
Supported Resolutions	VESA, 3840*2160@30Hz, 1920*1200@60Hz, Customized EDID;

VGA Input

Quantity	1
Connector	VGA-DB15
Signal Standard	R、 G、 B、 Hsync、 Vsync:0 to1Vpp±3dB (0.7V Video+0.3v Sync) 75 ohm black level: 300mV Sync-tip: 0V ;
Supported Resolutions	VESA, PC to 1920x1200

Audio Input / Output

Input Quantity	1
Output Quantity	1
Connector	3.5 Audio Mouth , Stereo Interface, SNR ≥ 80 dB;
Signal Standard	Digital / Analog (HDMI, SDI, USB)

3G-SDI- CVBS Input (Option)

Quantity	1 (Expanding)
Connector	BNC PAL/NTSC
Signal Standard	SD-SDI, 3G-SDI; CVBS (CV), 1Vpp±3db(0.7V Video+0.3v Sync)75 ohm 480i, 576i
Supported Resolutions	1080p 60/50/30/25/24/25(PsF)/24(PsF) , 720p 60/50/25/24 , 1080i 1035i , 625/525 line ;

DVI Output

Quantity	4 Channels 8 DVI + 1 Monitoring Output		
Connector	DVI-I		
Signal Standard	DVI 1.0		
Supported Resolutions	1024×768@60Hz	1920×1080@60Hz	Custom Resolution:
	1280×720@60Hz	1920×1200@60Hz	1 Channel:2.65 Million Pixels
	1280×1024@60Hz	2048×1152@60Hz	4 Channels:10.5 million Pixels
	1440×900@60Hz	2304×1152@60Hz	DVI 1&2, DVI 3&4 Outputs Are
	1536×1536@60Hz	2560×816@60Hz	Matched By Group, And The
	1600×1200@60Hz	3840×640@60Hz	Resolution Should Be
	1680×1050@60Hz	1024×1920@60Hz	Consistent!

Whole Machine

Machine Weight	8.0kg
Packing Weight	11.5kg
Size (mm)	Machine Size (Including Interfaces): 485mm (L) X 385mm (W) X105mm (H) Packing Size: 550mm (L) X 460mm (W) X 205mm (H)
Power Supply	100VAC – 240VAC 50/60Hz
Maximum Power	105W (35W-5V/7A + 75W-12V/6A)
Temperature	0°C~55°C
Storage Humidity	10%~90%
Type	RY-MS4K_C (Standard) RY-MS4KS_C (Expanding SDI Input) RY-MS4KU_C (Expanding USB Input)

