

AMS-EX400 Series

Integrated Built-in LED Sending Card (Novastar·MSD600 / Linsn·TS902 / Huidu·T902)

4 Gigabit Ethernet Ports Output

2 Layers Can Arbitrary Cross-zone

Maximum Open To 4 Windows

Support Layer Mirror • Rotation

AMS-EX400	Standard
AMS-EX400S	Extend SDI Input
AMS-EX400U	Extend USB Input
AMS-EX400W	Extend WiFi Projection

Maximum Resolution:

1920x1200@60Hz、3840x600@60Hz

Maximum Width: 3840

(3840×600@60Hz)

Maximum Height: 3840

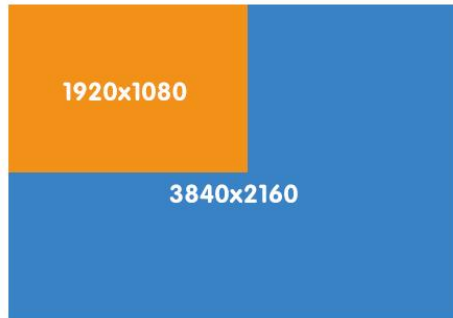
(548×3840@60Hz)

- ▶ Support 3840*2160@60Hz Input
- ▶ Single Machine Controls 2.3Million Pixels
- ▶ Support Seamless Switching
- ▶ Image Rotation And Mirror Function
- ▶ Support One Key Black Or Freeze Function
- ▶ Support Timed Loading Scenarios
- ▶ Support Timed LED Screen On/Off
- ▶ 10 Mode Saved And Recall
- ▶ Support 3G/12G SDI Or USB Input (Optional)
- ▶ Built-in 11 Testing Patterns
- ▶ Customized Input EDID
- ▶ Support Custom Output Resolution
- ▶ Support Output Monitoring
- ▶ Synchronization Audio Decoding Output
- ▶ Support Upper-Computer Control



Main Function Application

■ 4K Ultra High-definition Input



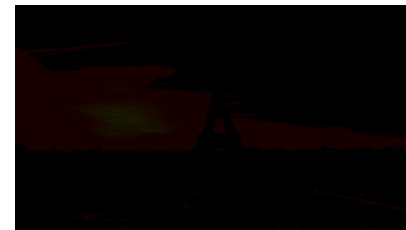
Support 4K*2K Input



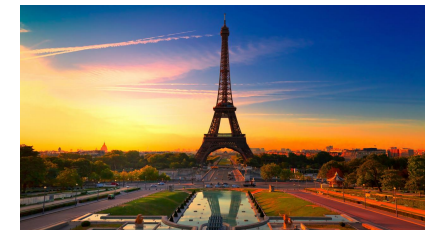
4K@60Hz Picture Quality Better

■ One Key Black Or Freeze

Can Use The “Black” Or “Freeze” Buttons To Perform One Click Black Screen Or Freeze Screen On The Display



One Key Black



One Key Freeze

■ Image Rotation And Mirror Function



Normal Input



90°



180°



270°



Horizontal Mirror

■ Windows Arbitrary Scaling



2 Layers Can Arbitrary Roaming

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、DP1、 DP2、 WiFi/SDI/USB(Ext);
BLACK: One Key Black Screen ;
TEST: 11 Test Patterns Are Built-in The Machine;

FREEZR: One Key Windows Freeze

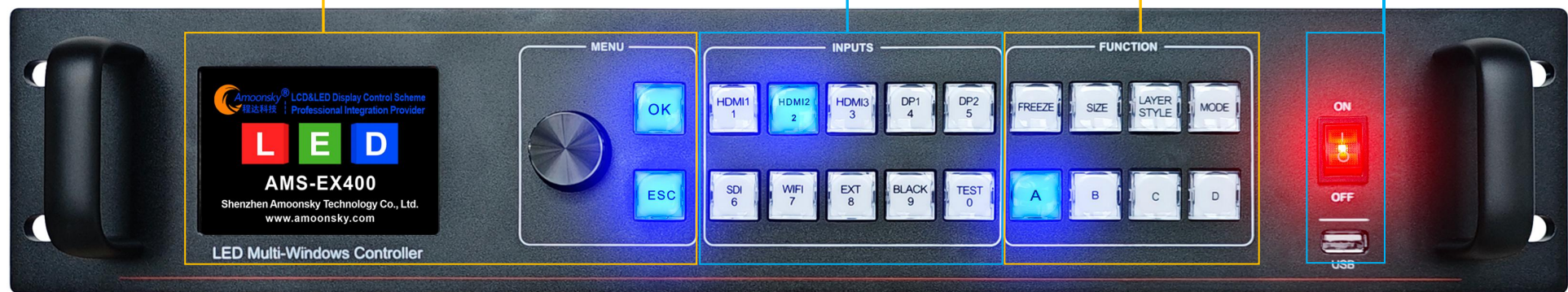
SIZE: Control Layer Size

Layer Style: Layer Mode

Mode: Mode Recall Button

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

Power Switcher
USB Disk Port



Power Connector



EX400 Series Has 1 Sets Of Outputs; EX1000 Series Has 2 Sets Of Outputs;

Each Output Can Built-in Novastar MSD600-1 / Linsn_TS902 / Huidu_T902 Sending Card;
OUT1/2/3/4: RJ45 Gigabit Ethernet Ports, Capacity Per Port Up To 650,000 Pixels;
USB: Type-B USB 2.0 Port To Connect To PC, Debug Separately By Group;
RUN: Green, Signal Indicator Light; STATUS: Red, Power Indicator Light;

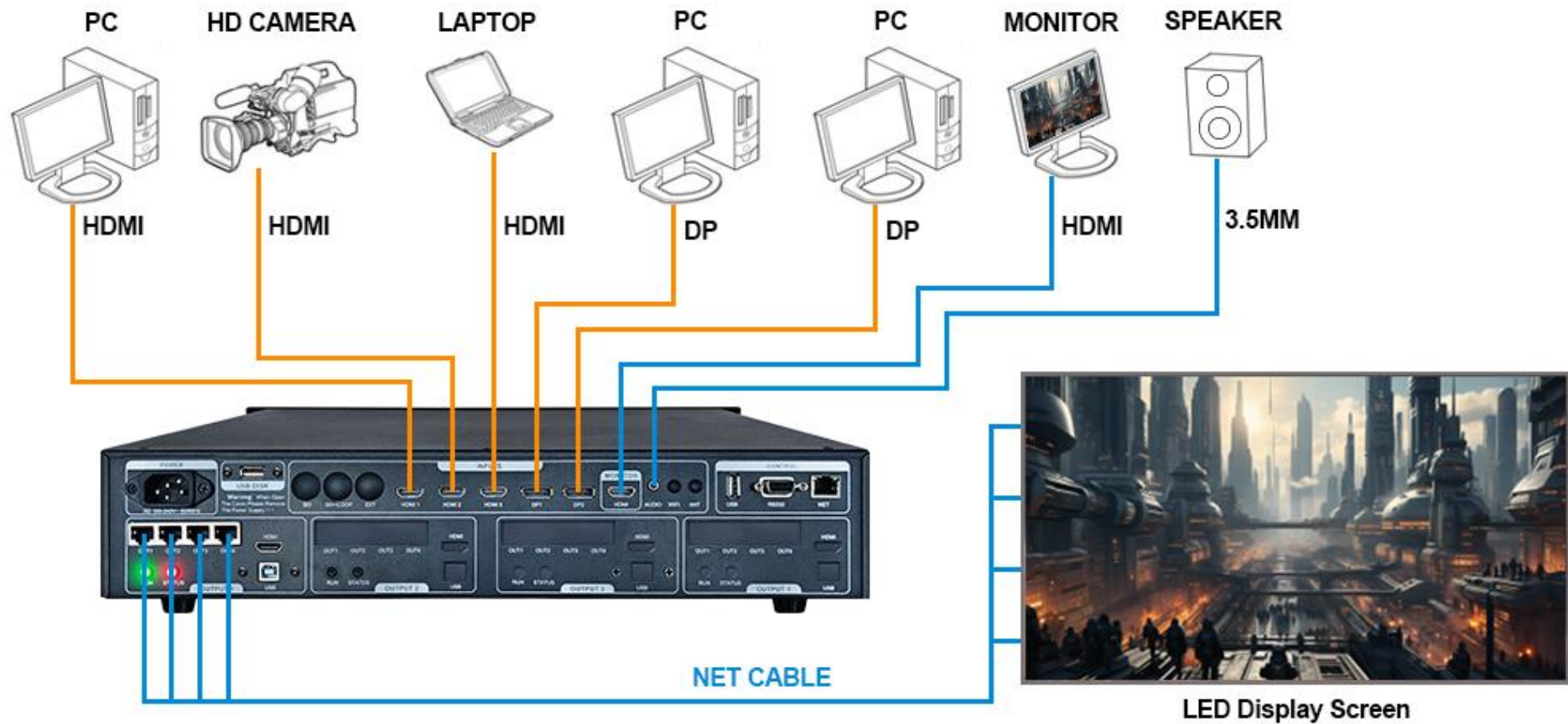
Input Signal Connector:

The Input Signal Source Is: 3 HDMI, 2 DP, 1 SDI / 1 USB / 1 WiFi (Expand); EXT & ANT Are Reserved For Expansion! **AUDIO:** Audio Output; **MONITOR:** Output Monitoring;

USB: For Program Upgrade;

RS232: Connect To Central Control Device, Provide Upper PC Protocol;
NET: Through The Network Cable For Web Version Upper PC Control;

Topological Graph



Specifications

DP Input

Quantity	2
Connector	DP
Signal Standard	DVI 1.4 Down Compatibility, 8K@30HZ, 4K@60Hz
Supported Resolutions	VESA, 7680*4320@30Hz, 7680*2160@60Hz, 3840*2160@60Hz, Customized EDID

HDMI Input

Quantity	3
Connector	HDMI
Signal Standard	HDMI 1 & HDMI 2 & HDMI 3 (HDM2.0 Down Compatibility)
Supported Resolutions	VESA, 7680*2160@30Hz, 3840*2160@60Hz, Customized EDID

3G/12G SDI Input_Extend

Quantity	1
Connector	BNC
Signal Standard	SD-SDI, HD-SDI, 3G-SDI, 12G-SDI
3G_SDI Resolutions	1080P_60/50/30/25/24/25(PsF)/24(PsF), 720P_60/50/25/24
12G_SDI Resolutions	4K@60/50/30//25/24Hz And Down Compatibility

USB / WiFi Input_Extend

Input Quantity	1
Connector	USB_A
Signal Standard	USB 2.0

Audio Output

Output Quantity	1
Connector	3.5 Audio Mouth , Stereo Interface
Signal Standard	Digital / Analog

Gigabit Ethernet Port Output

Quantity	4
Connector	RJ45
Signal Standard	Gigabit Ethernet Ports , Capacity Per Port Up To 650,000 Pixels Redundancy Between Ethernet Ports Supported

Specifications

Whole Machine

Machine Weight	8.0 Kg
Packing Weight	11.5 Kg
Machine Size (mm)	485mm (L) X 355mm (W) X 105mm (H) _ (Including Interfaces)
Carton Packing Size	550mm (L) X 460mm (W) X 205mm (H)
Flight Case Packing Size	585mm (L) X 575mm (W) X 155mm (H) _ (Optional Selection)
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	AMS-EX400 (Standard) AMS-EX400S (Extended SDI Input&Loop) AMS-EX400U (Extended USB Input) AMS-EX400W (Extended Wireless Projection)
Support Languages	Simplified Chinese, Traditional Chinese English, Russian, Korean, Vietnamese, Thai, Spanish, Portuguese .etc

