MSP 226 Quick Start

- 1U Frame

- HDMI 1.3 Output

- H.264 Input

- Controlled by USB

- Preview via Webpage

CONTENT

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Product Introduction

Easy connection of internet web streams to conventional video processing and display equipment is enabled with MSP 226. Connect H.264 internet streaming via IP to large displays with this decoder. MSP 226 offers two HDMI output channels and dual RJ45 connectors for IP input for connection from LAN/WAN.

Configuration of MSP 226 is made via a web browser interface, providing settings connection to web applications and video streams.

Packing Configuration
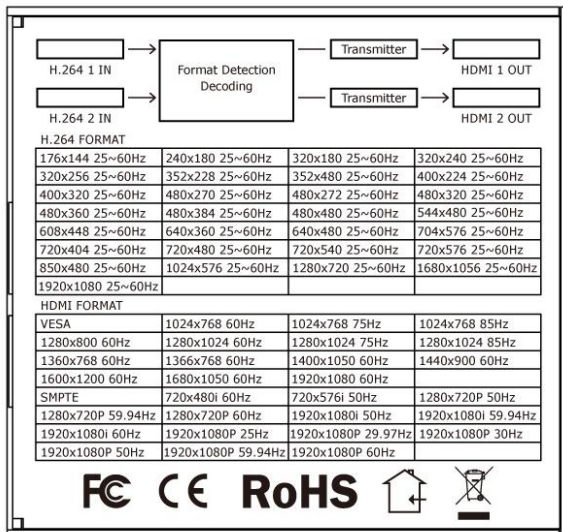
AC Power Cord	QC Declaration

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Interface

No.	Interface	No.	Interface
1.2	HDMI Output HDMI-A Port	3	USB Control
4	Standard 12V/3A	5.6	H.264 Input RJ45

Button Panel

H.264 1 IN → Format Detection Decoding → Transmitter → HDMI 1 OUT

H.264 2 IN → Format Detection Decoding → Transmitter → HDMI 2 OUT

H.264 FORMAT

176x144 25~60Hz	240x180 25~60Hz	320x180 25~60Hz	320x240 25~60Hz
320x256 25~60Hz	352x228 25~60Hz	352x480 25~60Hz	400x224 25~60Hz
400x320 25~60Hz	480x270 25~60Hz	480x272 25~60Hz	480x320 25~60Hz
480x360 25~60Hz	480x384 25~60Hz	480x480 25~60Hz	544x480 25~60Hz
608x448 25~60Hz	640x360 25~60Hz	640x480 25~60Hz	704x576 25~60Hz
720x404 25~60Hz	720x480 25~60Hz	720x540 25~60Hz	720x576 25~60Hz
850x480 25~60Hz	1024x576 25~60Hz	1280x720 25~60Hz	1680x1056 25~60Hz
1920x1080 25~60Hz			

HDMI FORMAT

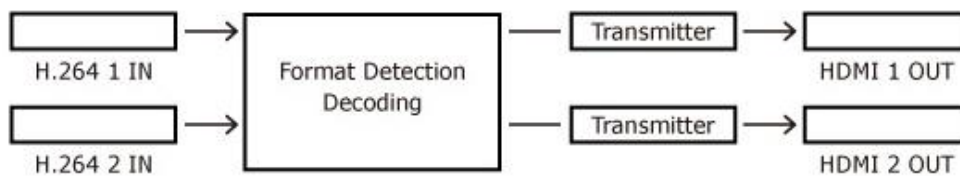| VESA	1024x768 60Hz	1024x768 75Hz	1024x768 85Hz
1280x800 60Hz	1280x1024 60Hz	1280x1024 75Hz	1280x1024 85Hz
1360x768 60Hz	1366x768 60Hz	1400x1050 60Hz	1440x900 60Hz
1600x1200 60Hz	1680x1050 60Hz	1920x1080 60Hz	
SMPTE	720x480i 60Hz	720x576i 50Hz	1280x720P 50Hz
1280x720P 59.94Hz	1280x720P 60Hz	1920x1080i 50Hz	1920x1080i 59.94Hz
1920x1080i 60Hz	1920x1080P 25Hz	1920x1080P 29.97Hz	1920x1080P 30Hz
1920x1080P 50Hz	1920x1080P 59.94Hz	1920x1080P 60Hz	

Operating Instruction

System Connection

Connect the H.264 input port of MSP 226 to the H.264 output port of MSP 225 with network cable.

Connect to the display device, video processor or matrix with HDMI interface to the HDMI output port of MSP 226with HDMI cable.

Connect power cable to device and plug into wall socket. In order to avoid the damage of device, please use the standard power adapter.

How to Work

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Specification

H.264 Input	
Number of Inputs	2
Connector	RJ45
Supported Resolution	176x144 | 240x180 | 320x180 | 320x240 | 320x256 | 352x228 | 352x480 | 400x224 | 400x320 | 480x270 | 480x272 | 480x320 | 480x360 | 480x384 | 480x480 | 544x480 | 608x448 | 640x360 | 640x480 | 704x576 | 720x404 | 720x480 | 720x540 | 720x576 | 850x480 |1024x576 | 1280x720 | 1680x1056 | 1920x1080
Refresh Rates	10~60FPS
Encoding Protocols	H.264 baseline/main/high profile L4.2，MJPEG/JPEG baseline
Supported Standard	H.264/MPEG-4 AVC
HDMI Output	
Number of Outputs	2
Connector	HDMI-A
Supported Resolution	SMPTE：480P60 | 576P50 | 720P50/60 | 1080i50/60 | 1080P24/25/30/50/60 VESA：800x600x60 | 1024x768x60 | 1280x800x60 | 1280x1024x60 | 1366x768x60 | 1440x900x60 | 1600x1200x60 |1680x1050x60 | 1920x1080x60
Signal Level	TMDS pwl, single pixel input,165MHz bandwidth
Supported Standard	HDMI 1.3
Extras	
Communication	USB
Power Supply	12V DC (via universal Plug Pack)
Working Environment	0°C~45°C
Stored Environment	10%~85%
Net Weight	0.27kg
Device Dimension	98mm x 92.9mm x 44mm
Product Warranty	3 years parts and labor warranty

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Installing Software

Environment Requirements:

Processor: 1 GHz or above 32 bit or 64 bit processor

Memory: 2 GB or more

Graphics: Support DirectX 9 128M or above (open AERO effect)

Hard disk space: Above 16G (primary partitions, NTFS format)

Monitor: Resolution must be 1280 x720 pixel or above (it can not display normally if the resolution is lower than 1280 x720)

Operating system: Windows 7 or above (full version, not Ghost version or compact version)

Double click ![AVMSPSoft_V1.0.0.4_] icon, it will pop-up the installer language box, select the language, for example, select "English", and click "OK" to confirm.

Click "Next" to install:

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Select "Browse..." to select the MSP software install location:
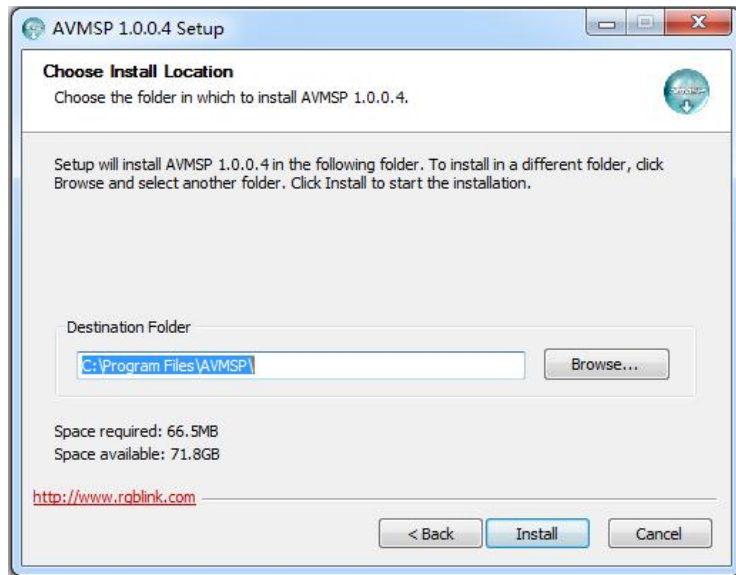
Click "Install":
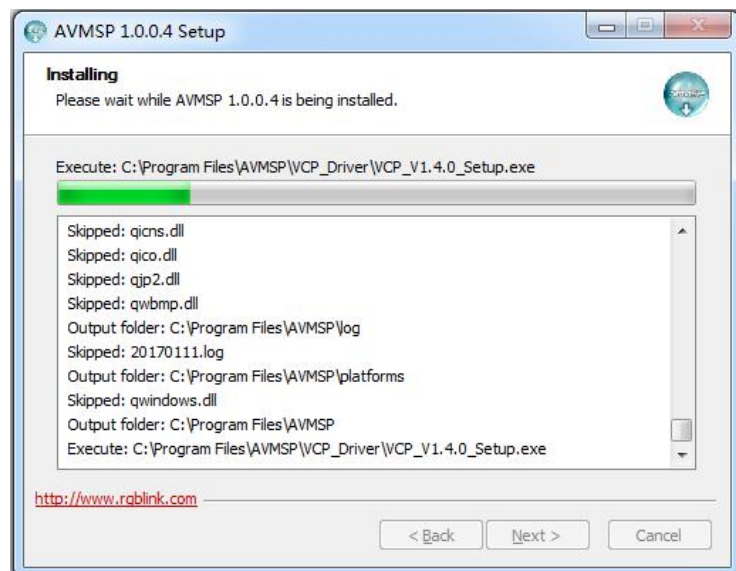
During installation, it will pop up the window of InstallShield Wizard for Virtual Com port:

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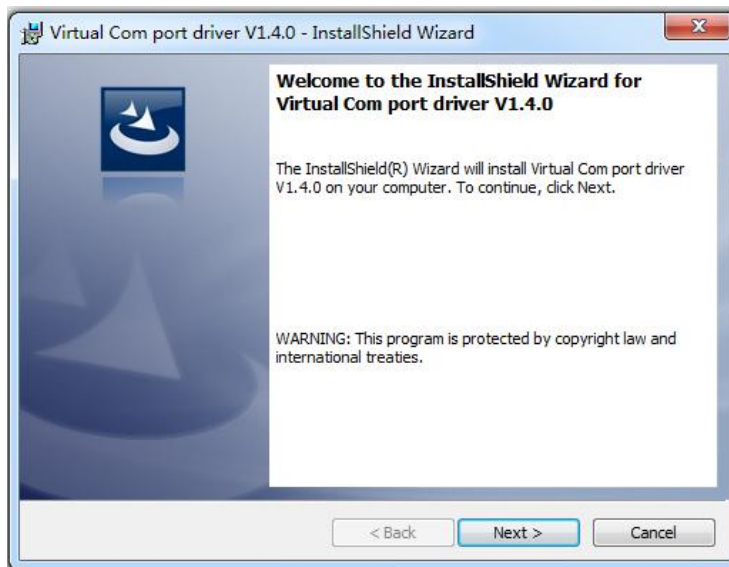
(1) If user install the MSP software for the first time, click "Next":
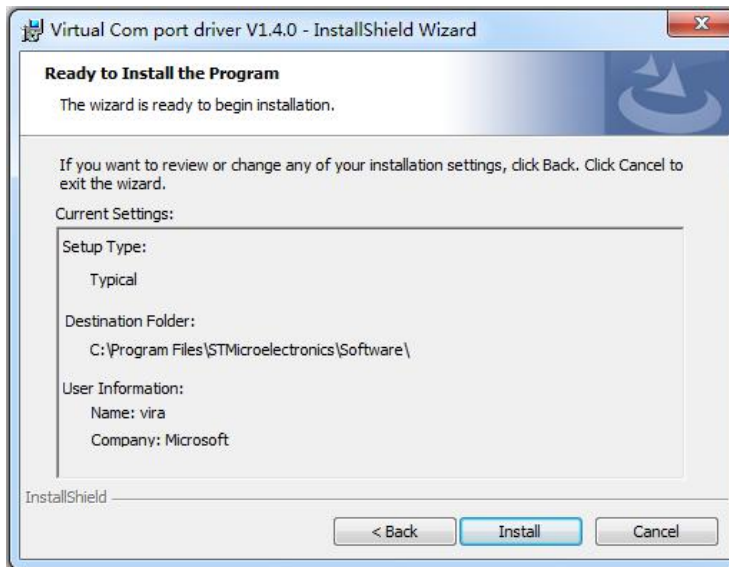
Then click "Install", as shown in the figure below:

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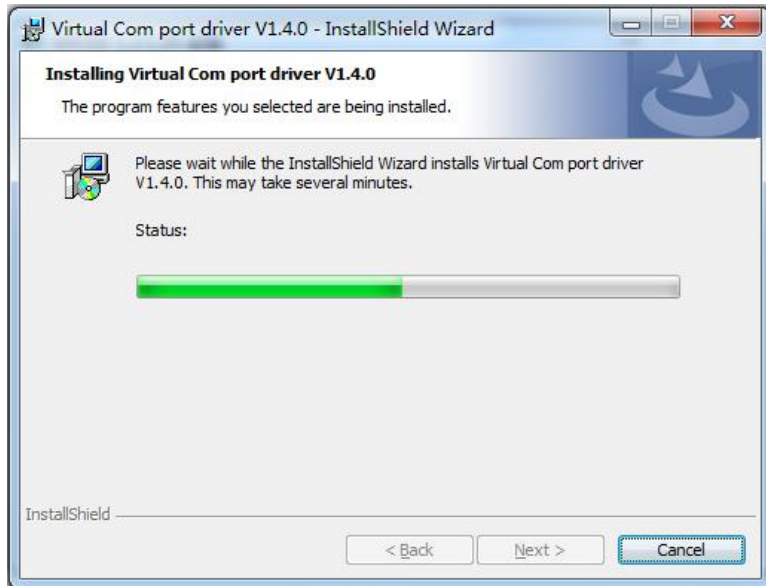
Click "Finish" and complete the installation, as shown in the figure below:
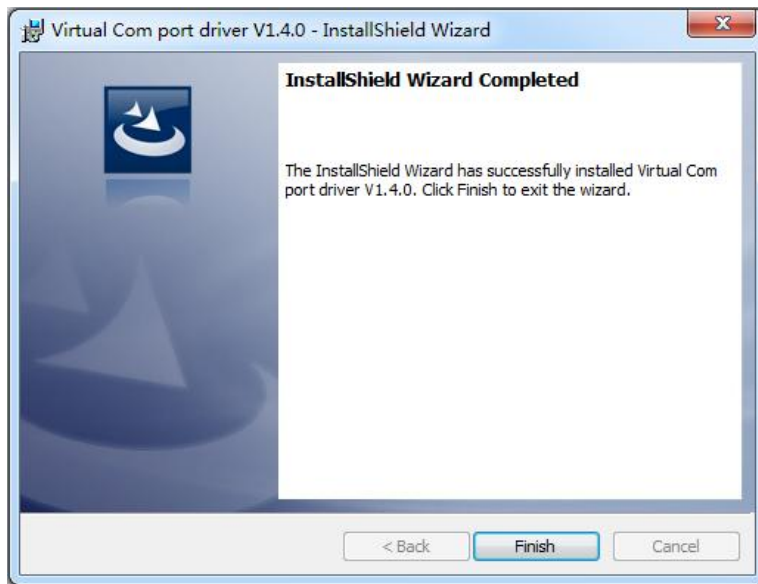
Then it will pop up the window of installation wizard for device driver, click "Next" to complete the installation.

(2) If user have installed the MSP software before, click "Cancel", and it will pop up the window as below:
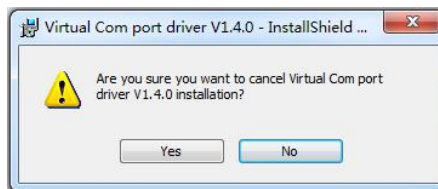
Click "Yes" to cancel installation.

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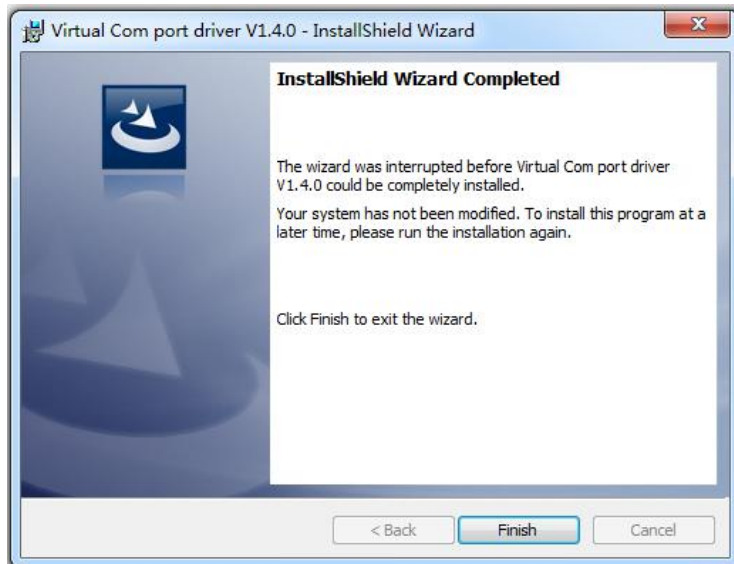
Click "Finish" to exit installation.

Then it will pop up the window of installation wizard for device driver, click "Cancel" to exit the installation.

Click "Finish" and is ready to run the MSP management software:

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Using Software

Log in the Software

Double click the icon ![AVMSP icon] on the desktop. Log in interface will be enter after opening, the user name is Admin, and there is no password, select "MSP 226", and enter into the software by clicking "Login".
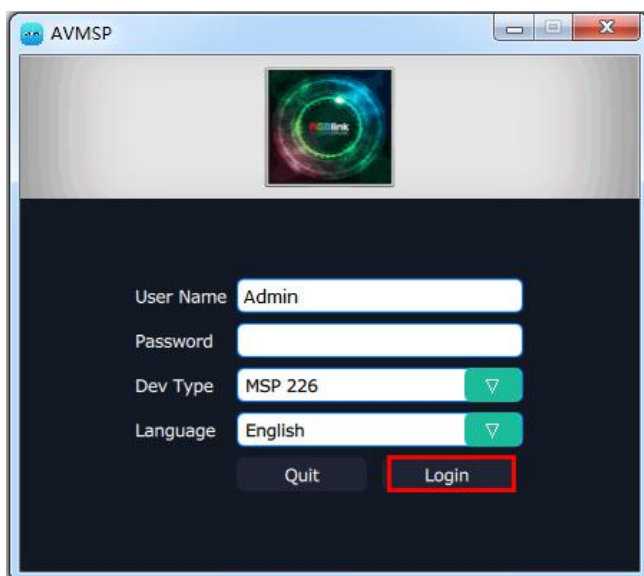
If user want to change the language to Chinese, click the drop down arrow after "Language" and select "Chinese", as shown in the figure below, then click "Login" to enter into the software.
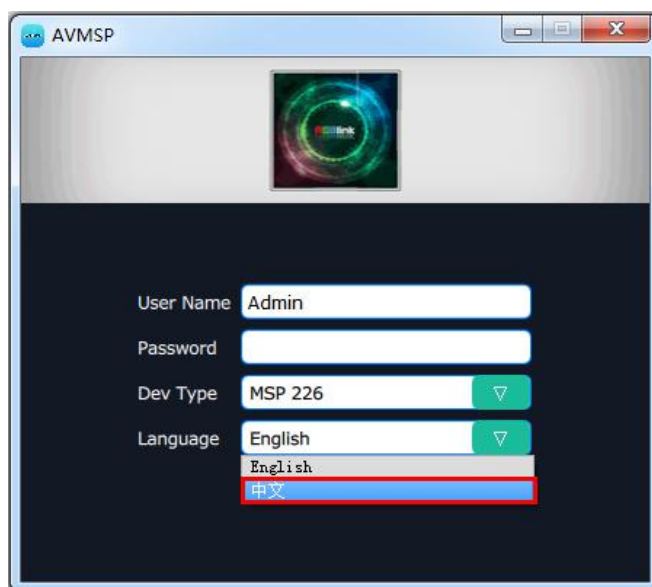
MSP management software interface is shown as follows.
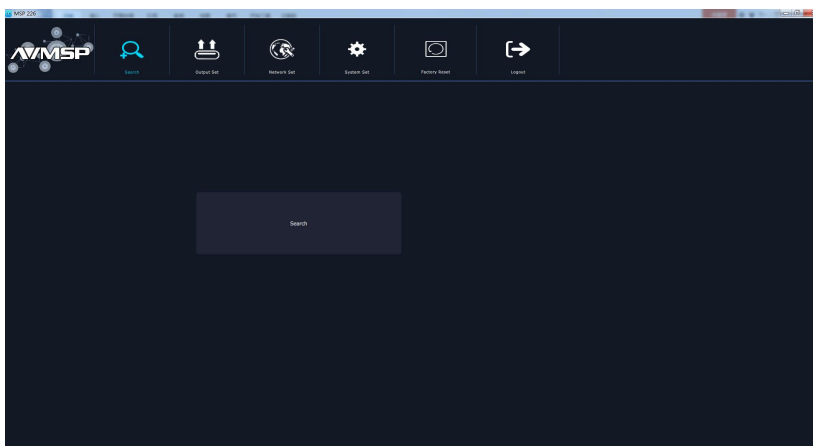
MSP management software contains the functions including: web links, search, output set, network set, system set, factory reset and logout. In the following parts, we will introduce these in detail.

Web Links

MSP management software sets up the web links. Click the web links icon on the top left corner, and enter the company's website, as shown in the figure below:
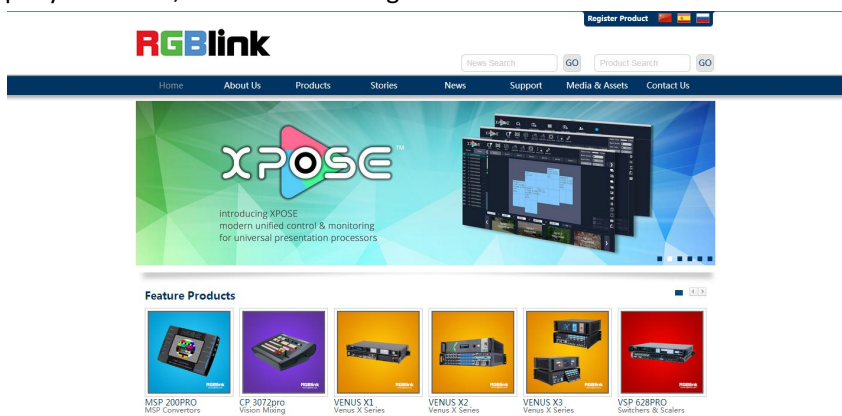

Connect the Device

First, set up the device IP, and ensure the IP of the computer and device is on the same network segment. Connect the MSP management software to the computer with the network cable and power up the device. Then, click the shortcut "Search" on the operation interface.
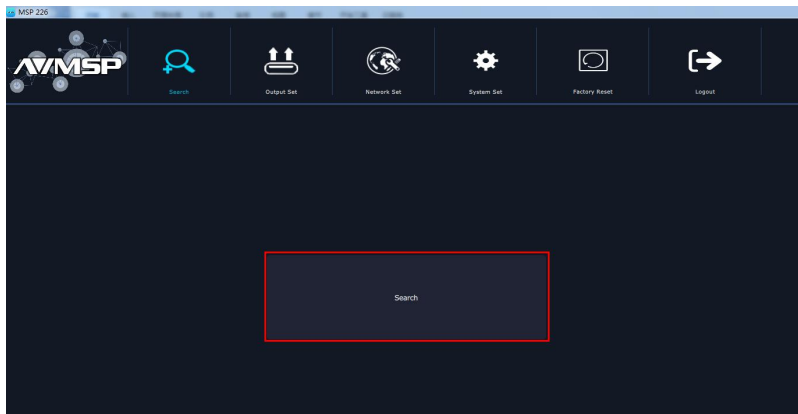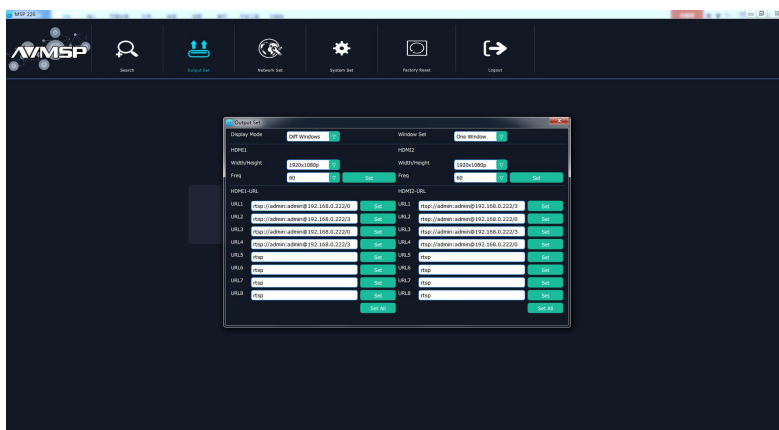
Then it will search the device, and show the device name, device number and connect information after search, as shown in the figure below:

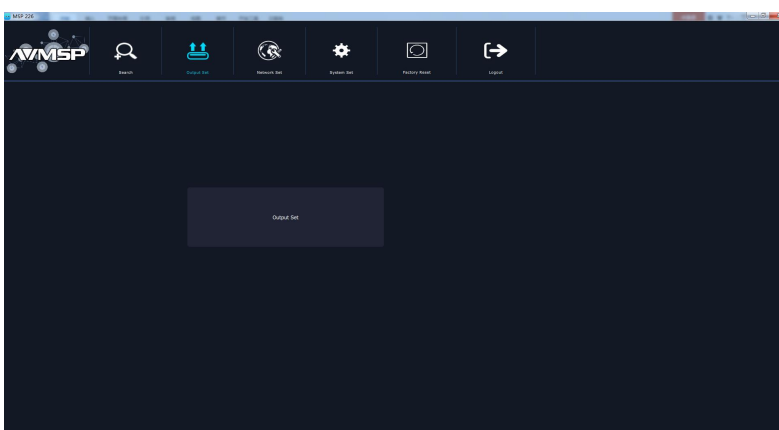Finally, click the device to connect, as shown in the figure below:
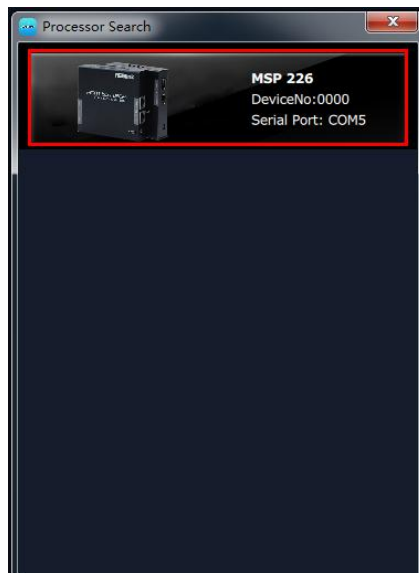
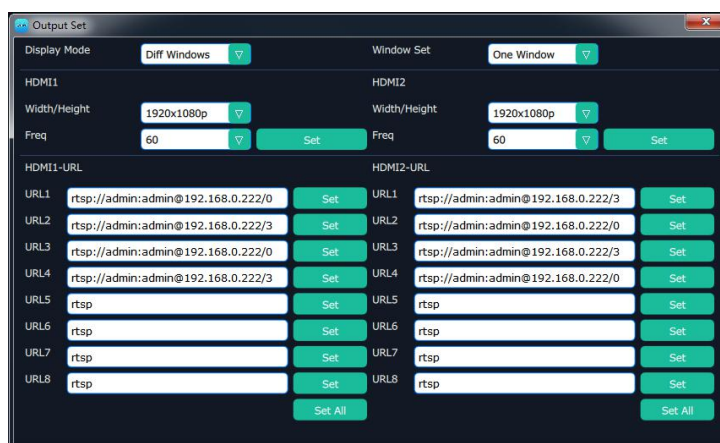The software will enter to the Output Set interface after connection, as shown in the figure below:

Output Set

Click "Output Set", and enter to the interface as follows:

Click "Output Set", and pop-up window as follows:

**Display Mode:** Click the pull-down menus, diff windows and same windows can be selected.

Window Set: Click the pull-down menus, one window, four windows and eight windows can be selected.

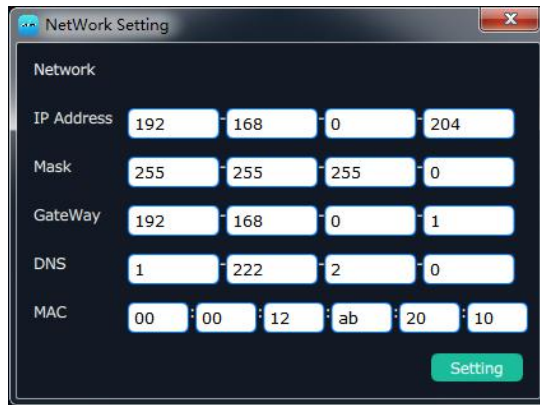**HDMI1/HDMI2:** Set the width/height of HDMI1/HDMI2, click "Set" to confirm.

HDMI1-URL/HDMI2-URL: Check the address of the network camera, and input the address in URL box.

Network Set

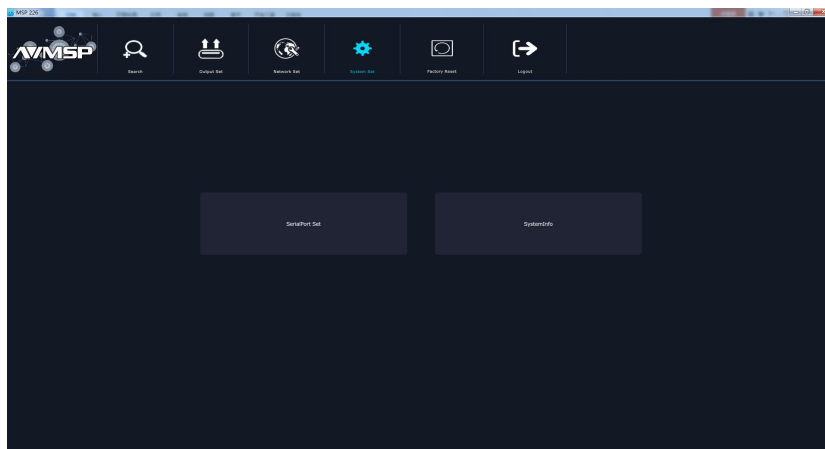Click "Network Set", and enter the interface as follows:
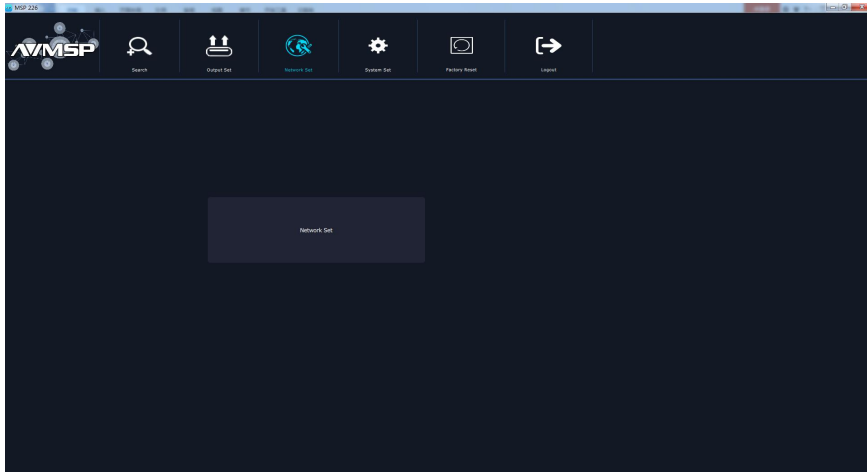
Click "Network Set", user can set IP address, Mask, GateWay, DNS and MAC. As shown in the figure below:
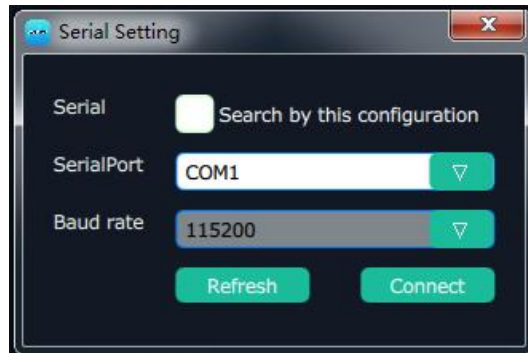

System Set

Click "System Set", and enter the interface as follows:

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SerialPort Set and System Info are included in system set, specific as follows:
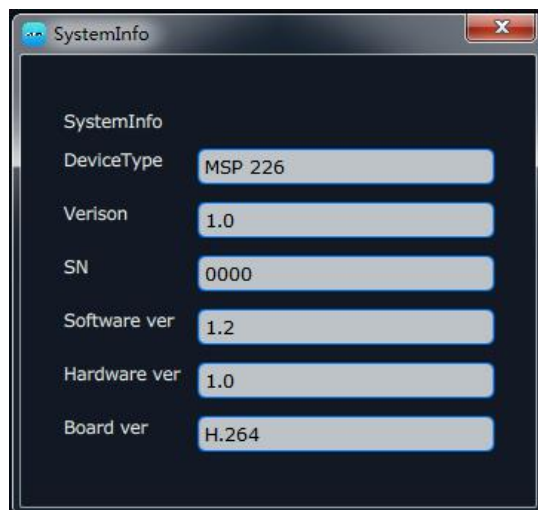
SerialPort Set

Click "SerialPort Set", and pop-up window as follows:

Select the corresponding serial number. If select "Search by this configuration", the software will search all the devices with corresponding serial number.
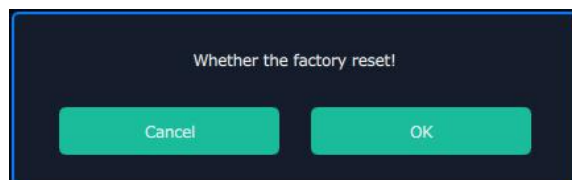
System Info

Click "System Info", and pop-up window as follows:

Display the device type, software version, serial number, software, hardware and board version.
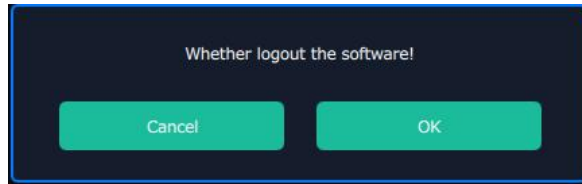
Factory Reset

Click "Factory Reset", and pop-up window as follows:

Select "OK", all the settings will be recover to factory setting.

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Logout

Click the "Logout", and enter the interface as follows:

Whether logout the software!

Cancel   OK

Click "OK" will logout the software.

Contact Information

Warranty:

All video products are designed and tested to the highest quality standard and backed by a full 3 years parts and labor warranty. Warranties are effective upon delivery date to customer and are non-transferable. RGBlink warranties are only valid to the original purchase/owner. Warranty related repairs include parts and labor, but do not include faults resulting from user negligence, special modification, lighting strikes, abuse(drop/crush), and/or other unusual damages.

The customer shall pay shipping charges when unit is returned for repair.

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