

MSP 325N

UHD 4K HDMI Video Encoder/Decoder



Quick Start

Content

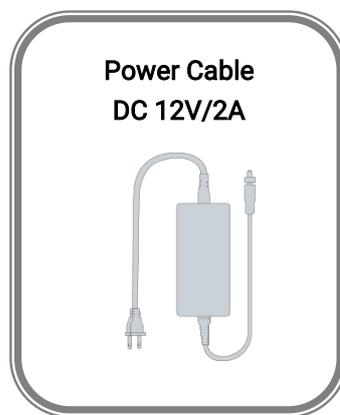
Product Overview	3
Key Features	3
In the Box	3
Device Interface	4
Device Indicators	4
Applications	5
Login to the device management page	6
Video input checking	6
Streaming service	7
Restore factory settings	8
Note	9

Product Overview

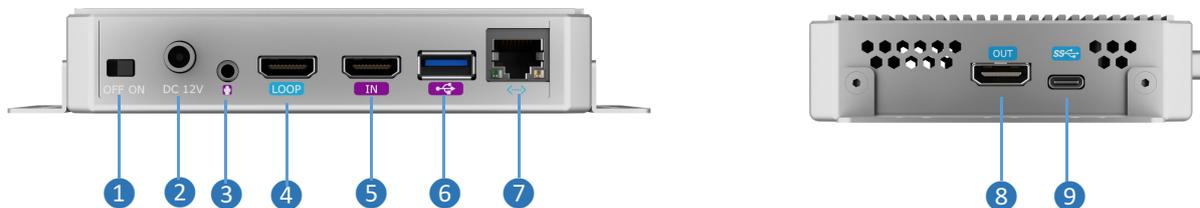
Key Features

- Small and compact, easy to carry
- H.265/H.264 high-performance encoding and decoding capability
- Input resolution up to 4K@60Hz
- HTTP/SRT/RTMP/RTSP/NDI protocols supported
- Multi-stream decoding capability
- Feature with one USB interface for recording
- PoE & DC 12V power supply
- TAO Cloud integrated control
- Low latency transmission

In the Box



Device Interface



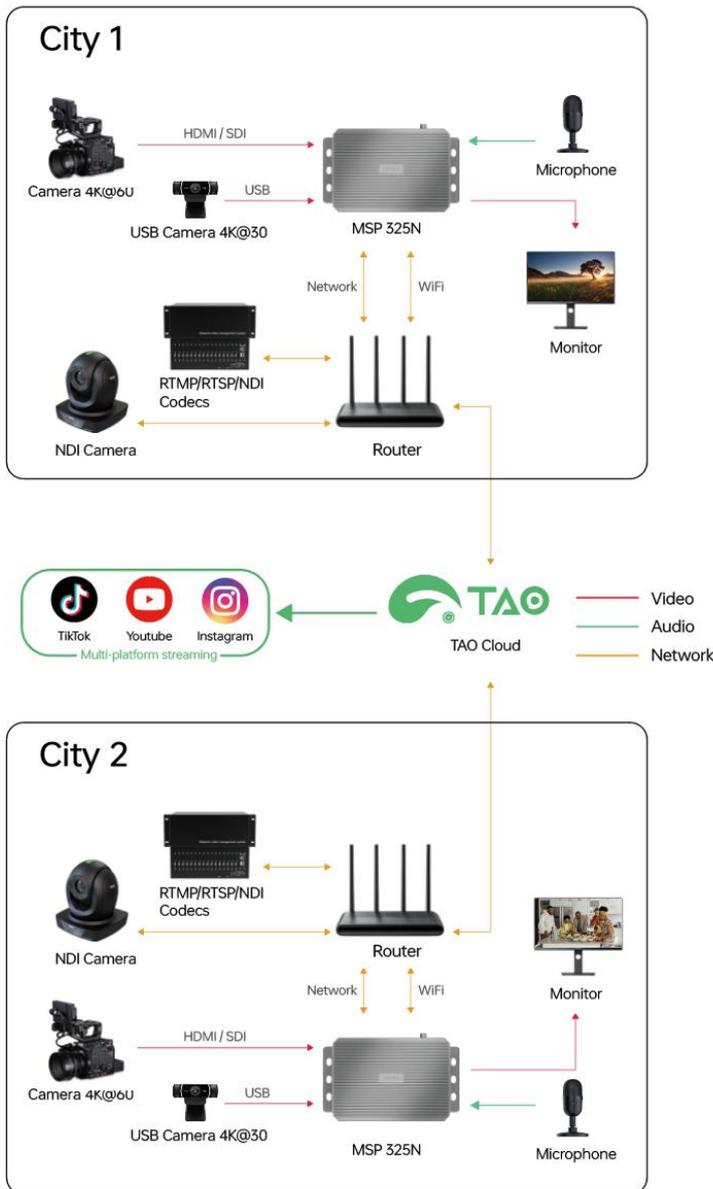
①	Power Switch	When powered on, push left to turn OFF, push right to turn ON
②	Power Port	Connect DC power plug (12V/2A or above)
③	Line In	3.5mm analog audio signal input port for connecting powered microphones
④	HDMI Loop Out	Loops out the connected HDMI IN signal
⑤	HDMI Input	Connect HD cameras, computers, etc.
⑥	USB Port	Connect USB drives, external HDDs, or hubs for data storage/transfer
⑦	1000M Ethernet Port	For network live streaming, supports PoE power supply
⑧	HDMI Output	Connect monitors to view main picture switching
⑨	USB-C	Connect external UVC cameras

Device Indicators



Indicators	Name	Color	Status	Description
	Power	White	Always on	Power connected
			Off	Power off or failure
	LINK	White	Flashing	Network connected
			Off	Network disconnected/abnormal
	Run	White	Flashing	Working normally
			Always on	Starting to work
			Off	Working abnormal/not start

Applications

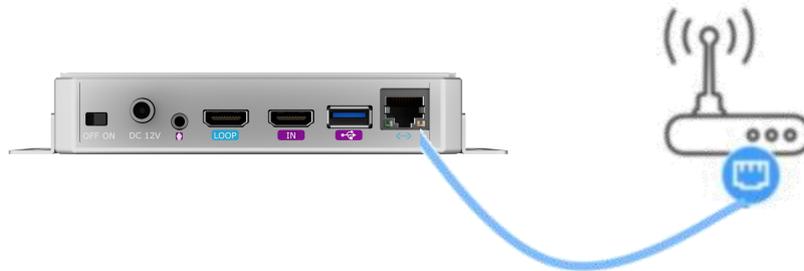


	<p>Notes:</p> <ul style="list-style-type: none"> ● Please use the standard power adapter equipped in the package. Likewise, other unqualified power adaptor may damage the device. ● Please make sure the camera is connected to the HDMI IN connector. ● If you wish, you can connect MSP 325N to your monitor for real time preview by HDMI OUT.
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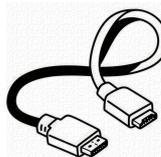
Login to the device management page

The MSP 325N's management page is accessed via its IP address. Setup steps:

1. Power on the MSP 325N and connect it to the router via Ethernet.



2. Connect the device's HDMI OUT port to a display using an HDMI cable. The IP assigned by the router will appear on-screen (Example IP shown in the figure below. Use the actual router-assigned IP.).



3. Open a browser and enter the IP address to access the web management page. The default username and password are:

Username: admin

Password: admin



Note:

To ensure your information security, it is recommended to revise your password after you log into for the first time.

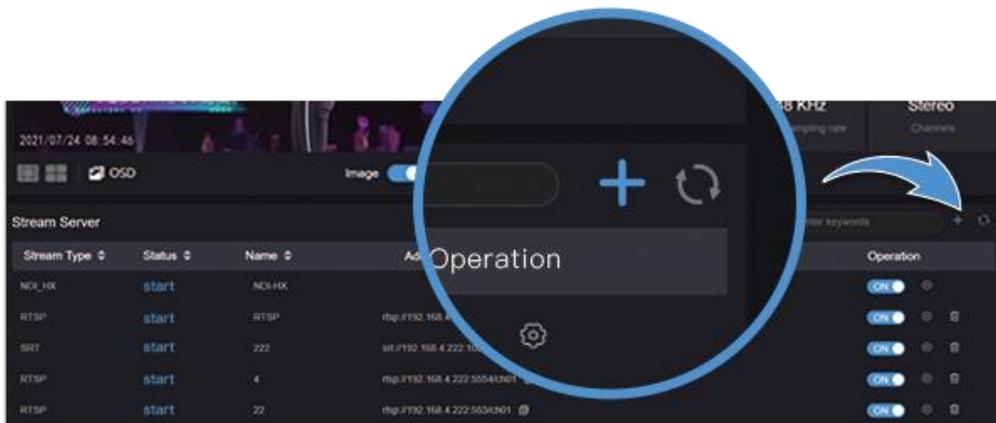
Video input checking

After video source connected, you will be allowed to preview video in real time through web browser. Kindly note the video preview window is under "image" mode by default, and it is refreshed every 3 seconds. If your computer's CPU performance is good, you can click the mouse to switch to the "video" mode, and the smoothness of the preview will be improved.

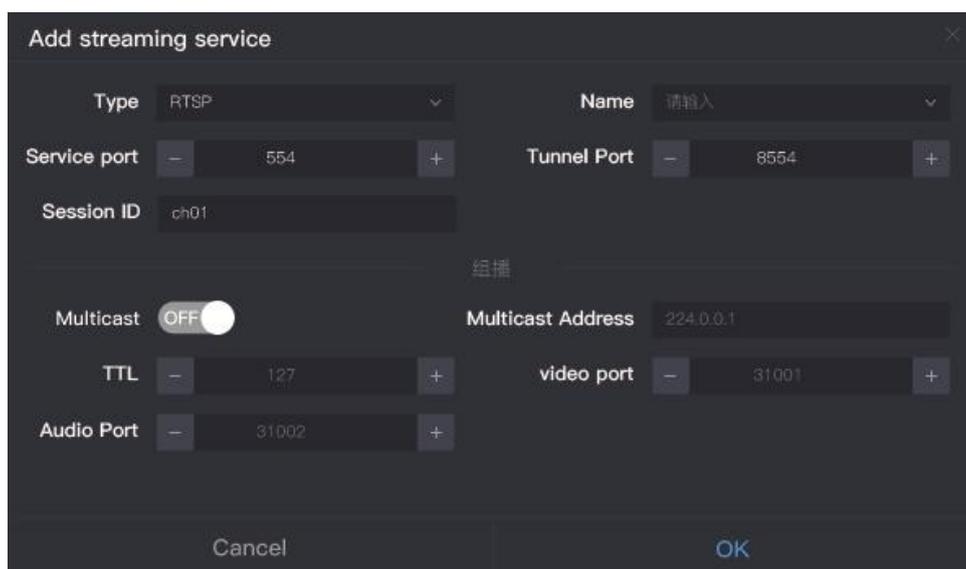


Streaming service

Click “+” on the right side of the stream service at the bottom of MSP 325N Web UI. Add a stream service, take RTSP protocol as an example.



Select RTSP, fill in the name, service port and session ID, the other setting parameters can remain default configuration, click “OK”.

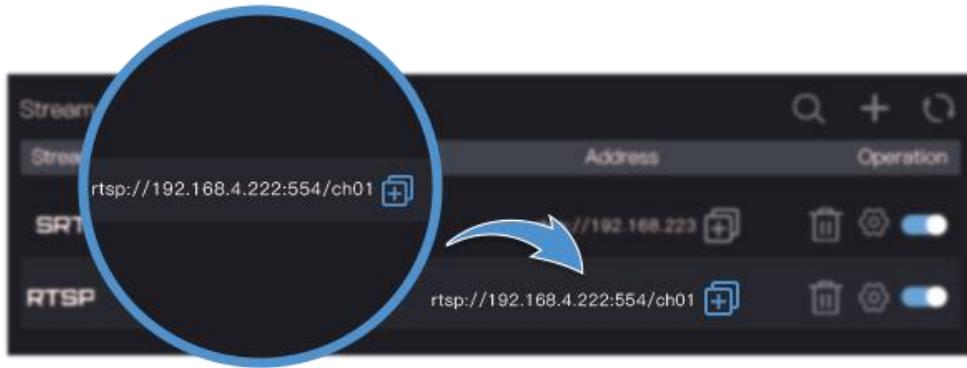




Notes:

- The default RTSP port is 554, when add multiple RTSP service, different port number should be used.
- Session ID can be any combination of numbers, letters and symbol.

After saving configurations, it will be displayed under the stream service, which is closed by default. Click switch to start the stream service, it will come up a RTSP stream address in the corresponding address.



Click icon  at the back of stream address, copy it and then check the encoded video stream by VLC.

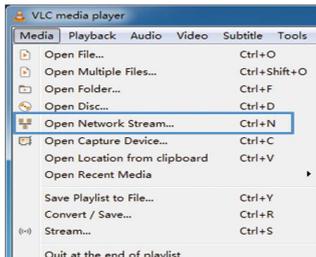


Download VLC tool

Download and install VCL tool through official website <https://www.videolan.org/vlc/>, please follow the official VCL instructions for download method and installation process.

VLC is a multimedia player and framework with free and open cross platform, which can play most of streaming media protocols.

Click media on the VLC - open network streaming - enter the URL address of RTSP over internet, click play at the lower right corner to start streaming.



Restore factory settings

If the device cannot work normally after modifies the parameters or forgot internet IP configuration and couldn't search and find the device, please restore factory settings.

Two methods for restoring factory settings:

- 1) If you can login to web page, then via the WEB page, click "Settings—System settings—Restore factory settings".

2) If you can't login to web page, press the RESET button for 5 seconds in the bottom of device.



Note:

After restoring factory setting, below parameters will be turned to default value:

- Login username and password will be "admin";
- IP address will be restored as 192.168.5.100, subnet mask will be 255.255.255.0;
- All encoding parameters of video and audio will be restored to default value.

Note

To prolong the device life, please unplug the power and keep it properly if you do not use it for a long time.

MSP 325N



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