

Quick Start Guide

DC230 Video Decoder

4-Channels Video Decoding

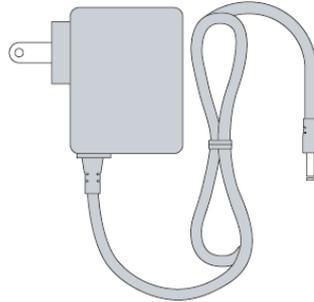


Contents

- Packing List
- Device interfaces and functions
- Device connection, login and use guide
- Device upgrade and restore to factory settings

Before using this product, it is recommended that you read the guide carefully. To ensure your personal safety and avoid physical or electrical damage to the device, please strictly follow the instructions of this guide to install and use it under the guidance of professionals. Incorrect electrical connections or physical installation may cause permanent damage to the device and even threaten personal safety.

1 Packing List



(1) DC230 ×1

(2) Power Supply ×1

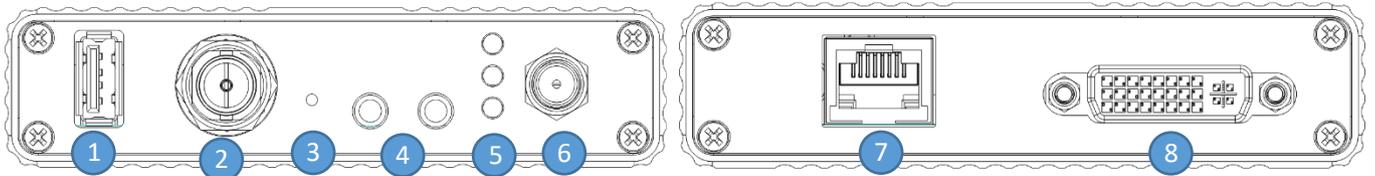
(3) DVI to HDMI Adapter ×1



(4) Warranty Card ×1

(5) Quick Start Guide ×1

2 Device Interfaces



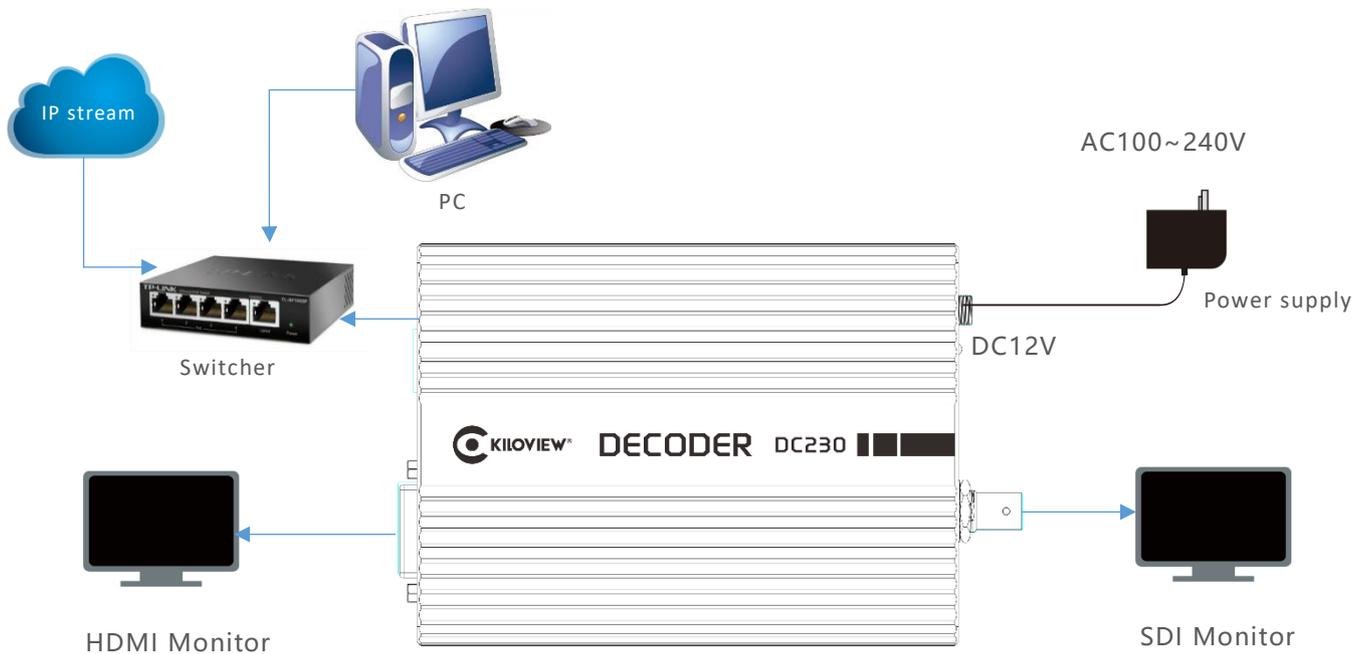
- (1) USB expansion port
- (2) SDI output
- (3) Reset
- (4) 3.5mm Line in/Line out

- (5) Working Indicator
- (6) Power port
- (7) 1000M Ethernet port
- (8) DVI output (HDMI/VGA compatible)

3 Device Indicators

LED Indicators	Name	Color	Status	Description
	Power	Red	ON	Power connected
			OFF	Power off or failure
	LINK	Green	ON	Network is connected
			Flashing	Device reset to factory / network abnormal
			OFF	Network abnormal/not connected
	Run	White	ON	Working
			OFF	Device is abnormal or not started

4 Device Connection



**Note**

- Please use the equipped power adapter to power the device. Other unqualified power supplies may damage the device.
- DVI can be converted to HDMI/VGA for output.
- DC230 supports up to 4-channels decoding, DVI and SDI output the same or different contents.

5 Login to the device WEB page

The default fixed IP address of DC230 is 192.168.1.168. Please configure your computer network to 192.168.1.xxx when you use DC230 for the first time, and then enter <http://192.168.1.168/> in the browser to visit Web UI.

**Note**

- The username and the password are admin by default.
- To ensure information security, it is recommended to change your password immediately after your first login.
- Due to the browser compatibility issues, it is recommended to use Chrome or Edge.
- To login with the default address, make sure that the computer is configured under the same network segment (192.168.1.*, * refers to numbers between 1-255 except 168).
- After change the device IP, please restore the computer network to the working network IP address



For more information about the configurations, please refer to:

<https://www.kiloview.com/en/support/docs/dc230/>

6 Decoding and output

6.1 Add video source

In the lower left of the "Media", click "Add", and then configure the parameters in the pop-up dialog box, and click "OK" to add the video source to the video list. Take "RTSP" as an example as below:

Add Source ✕

* Name

Source Type

* URL

Transmission Mode ▾

Username

Password

Play Cache ▾

Response Speed ▾

Audio de-sync compensation (ms)



Note

- The IP address of video source can be tested with a player such as VLC.
- If video source is from network, it is required to configured with a high buffer time for playback buffer until the video decoding output is smooth.

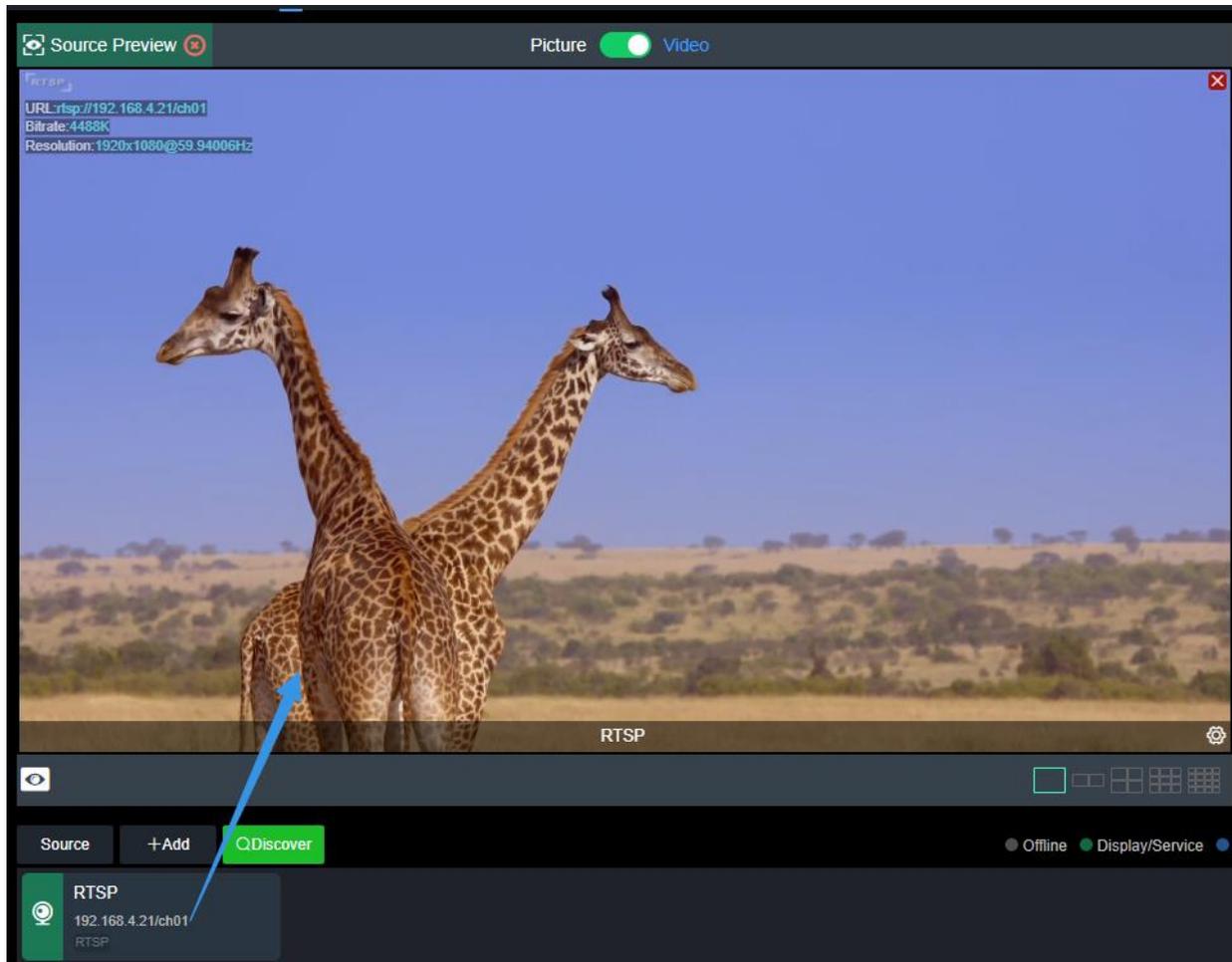


For more information about how to add the video source, please visit:

<https://www.kiloview.com/en/support/docs/dc230/>

6.2 Preview

The added sources will be displayed in the “Video Source”, drag the source to the upper “Source Preview window to preview the source images and to configure the output parameters.

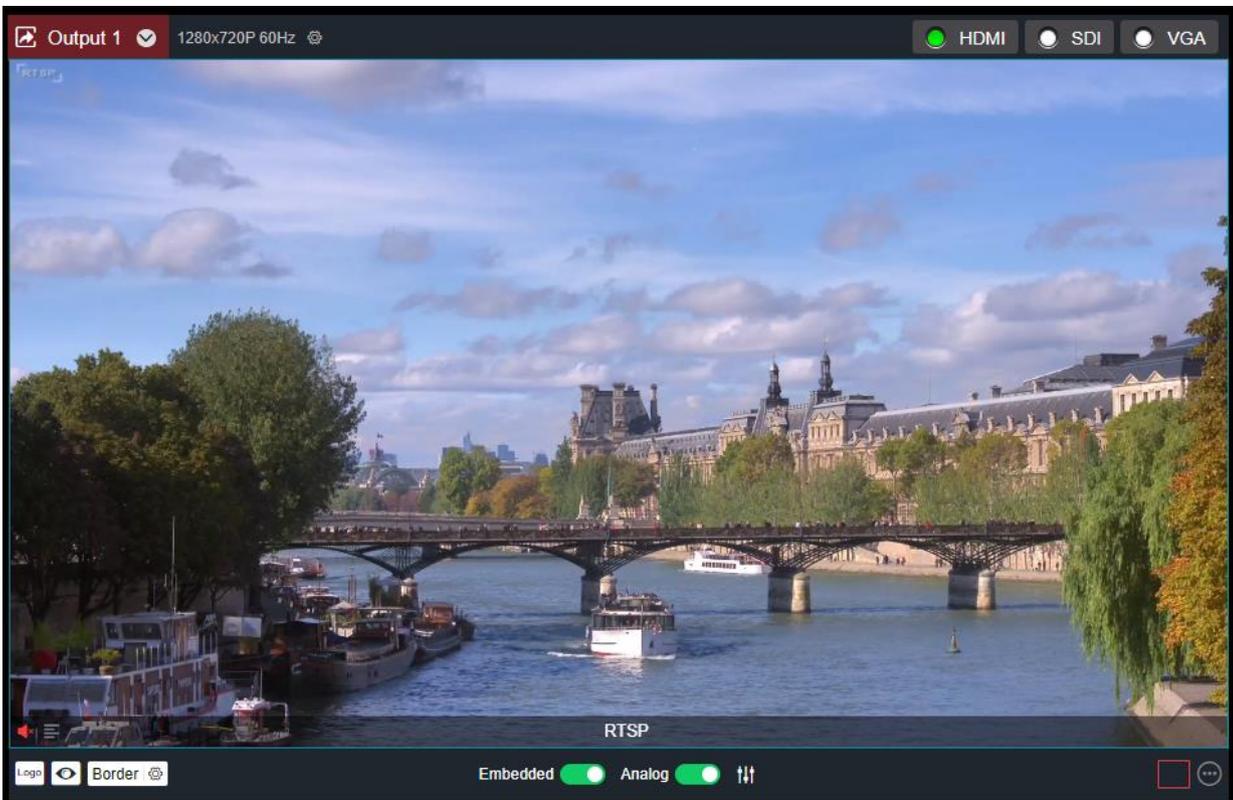


Note

- It is recommended to use the latest version of Chrome and Edge for preview function.
- Preview in browser does not support video sources with B-frame.
- To preview, please use the service network IP address to login to the device.
- The “Source Preview” window is under "Image" mode by default, and the image refreshes every 3 seconds; if the CPU performance of the computer is well, you can click and switch to "Video" mode, and there will be smooth video.

6.3 Output

There are two output windows on the DC230 webpage. You can select SDI or DVI (HDMI and VGA compatible) to decode and output the same or different content in the upper right corner of the window. Drag the video source into the output window, that is, output with the selected interface.



Note

- The output resolution should be the resolution and frame rate that the receiving monitor can support.
- The audio is turned off by default, and it can be turned on by click the red speaker in the lower left corner of the output window.
- Multi-screen output needs to be configured by adding a layout, and supports up to 4 grids output.



For more info about DC230 output layout configurations, please visit:

<https://www.kiloview.com/en/support/docs/dc230/>

7 Firmware Upgrading

7.1 Download firmware



Kiloview will provide the firmware of updating functions for DC230, please visit:

<https://www.kiloview.com/en/support/download/>

Select "video decoders">DC230", find and download the latest firmware.

7.2 Upgrade device firmware

Login to the web page of DC230, click "Settings">"Firmware Upgrade" to check if there is any latest firmware available to download. If yes, select the downloaded firmware and click "Firmware Upgrade".

After uploaded the firmware successfully, it needs to reboot the device. After clicking "ok", the device will restart, please be patient.

Firmware Update

Current firmware version: 5.0.0
Current software version: 4.6.2515

Note: After a firmware update, the system will automatically restart to complete the update!

You can only update bin files

File not selected



Note

- Please not power off during the upgrade process, otherwise the device couldn't work.
- Generally, it will take 3-5 minutes to upgrade the device. If it's still not completed after 5 minutes, please try refreshing webpage, if you still can't access it, please try to contact technical support.

8 Restore to factory settings

If the device cannot work normally after modified 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 password of the admin account will be restored to "admin".
 - Your device will be restored to obtain a DHCP-assigned IP address by default and the failover address 192.168.1.168 will be bound to the device.
 - All encoding parameters of video and audio will be restored to default value.
-

9 Others

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



Any In, Any Out, Anywhere

For more questions, please contact us via:

<https://www.kiloview.com/en/support>



Please scan with browser

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