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› iseevy ISV-HVCD5 H.265 H.264 4K 1080P Video Decoder User Manual

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Model: ISV-HVCD5

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the iseevy ISV-HVCD5 H.265 H.264 4K 1080P Video Decoder. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.



Figure 1: Front view of the iseevy ISV-HVCD5 Video Decoder, showing indicator lights.

2. PRODUCT FEATURES

- Supports H.265/H.264 network video audio decoding up to 3840x2160@30P or 1920x1080@60P.
- Compatible with RTMP, SRT, RTSP, RTP, UDP, HTTP, HLS, FLV, TS protocols.
- Provides HDMI, VGA, and CVBS local output options.
- Capable of 1-channel or 4-channel decoding simultaneously.
- Features output video rotation (90/180/270 degrees) and OSD functions.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- iseevy ISV-HVCD5 Video Decoder Unit
- 12V Power Adapter

- User Manual (this document)

4. SETUP GUIDE

4.1 Physical Connections

Connect the decoder to your network, power source, and display devices as follows:

1. Connect the 12V power adapter to the DC12V port on the decoder and plug it into a power outlet.
2. Connect an Ethernet cable from your network router or switch to the LAN port on the decoder.
3. Connect your display device (monitor, TV, or projector) to the decoder using an HDMI, VGA, or CVBS cable.



Figure 2: Rear view of the decoder, showing HDMI, VGA, CVBS, LAN, and DC12V ports.

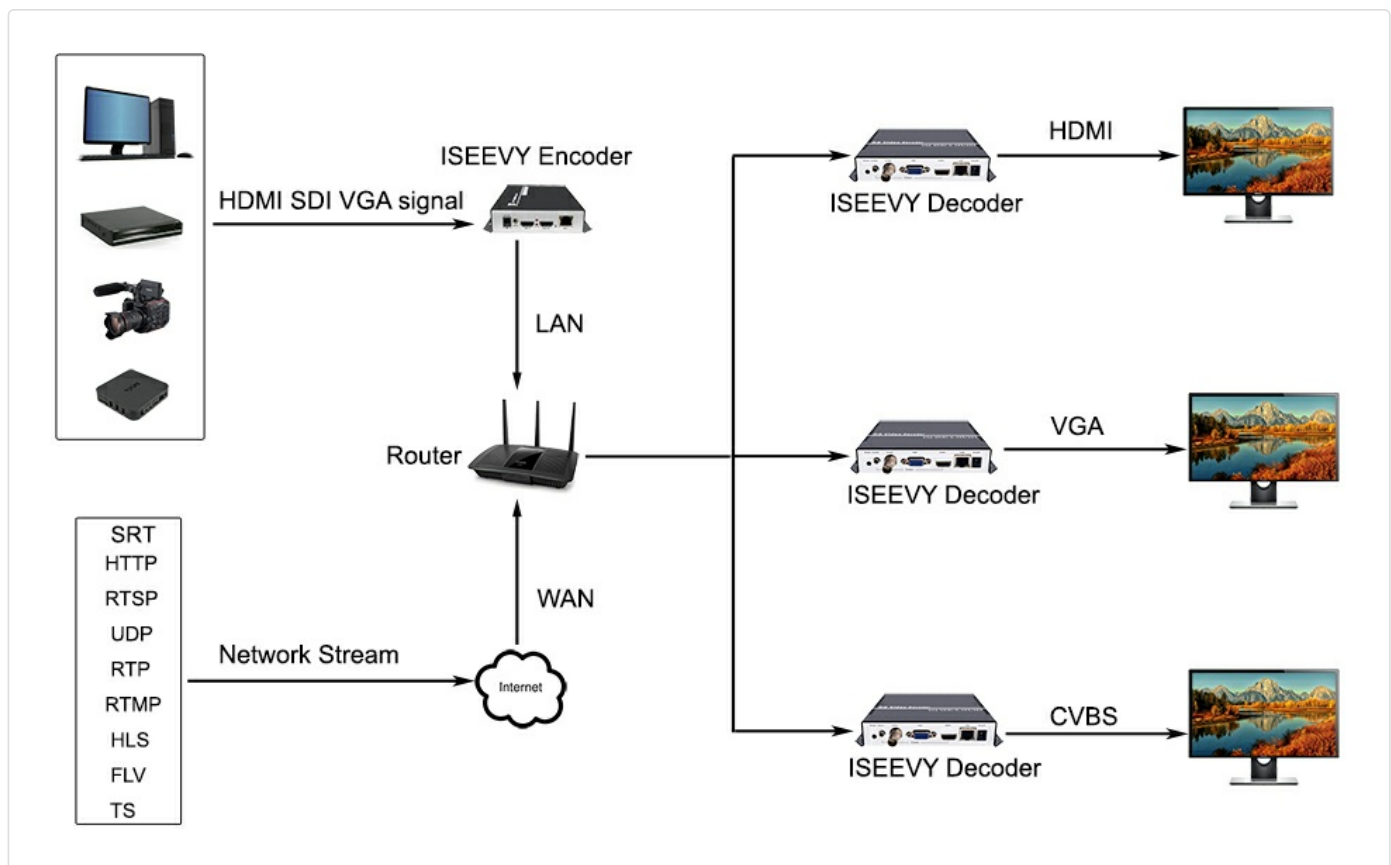


Figure 3: System connection diagram illustrating how the decoder integrates into a network for video decoding and output.

4.2 Network Configuration

The decoder can obtain an IP address automatically via DHCP or be configured with a static IP address. Access the web interface to manage network settings.

5. OPERATING INSTRUCTIONS

5.1 Accessing the Web Interface

To configure the decoder, access its web interface:

1. Ensure the decoder is connected to your network and powered on.
2. Use a computer connected to the same network.
3. Open a web browser and enter the decoder's IP address (e.g., <http://192.168.1.168>) in the address bar. The default IP address can usually be found in the device's documentation or by using a network scanning tool.
4. Log in with the default username and password (refer to device documentation for defaults).

5.2 Decoding Modes and Address Settings

The decoder supports both single-channel and multi-channel decoding. Navigate to the 'Address setting' section in the web interface to configure input streams.

ISEEVY Video Decoder System Connections

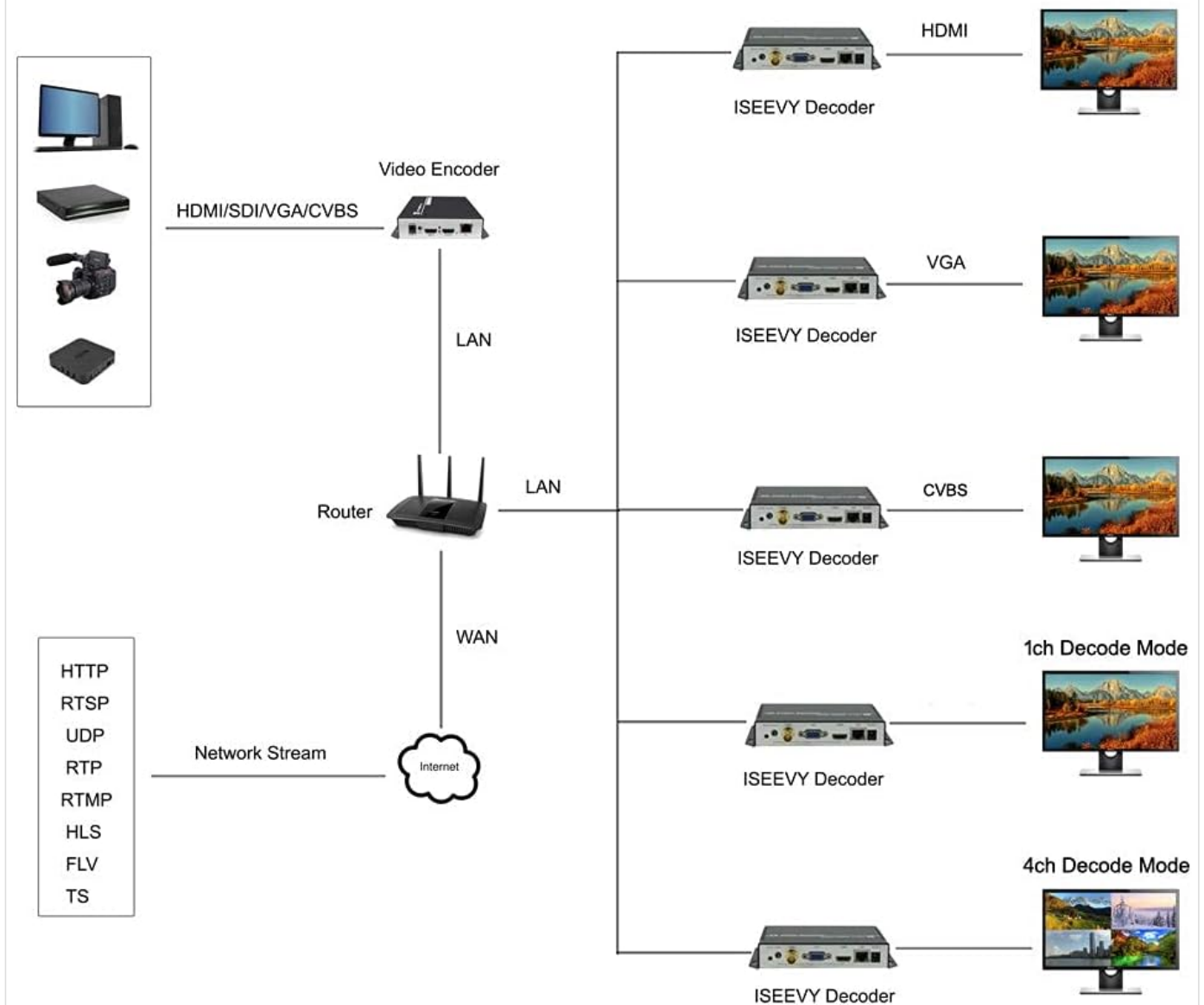


Figure 4: Web interface for 1-channel decoding setup, displaying status and input address configuration.

To configure 4-channel decoding, select '4' for 'decode wndnum' and enter the network stream addresses for each channel. Click 'apply' to save changes.

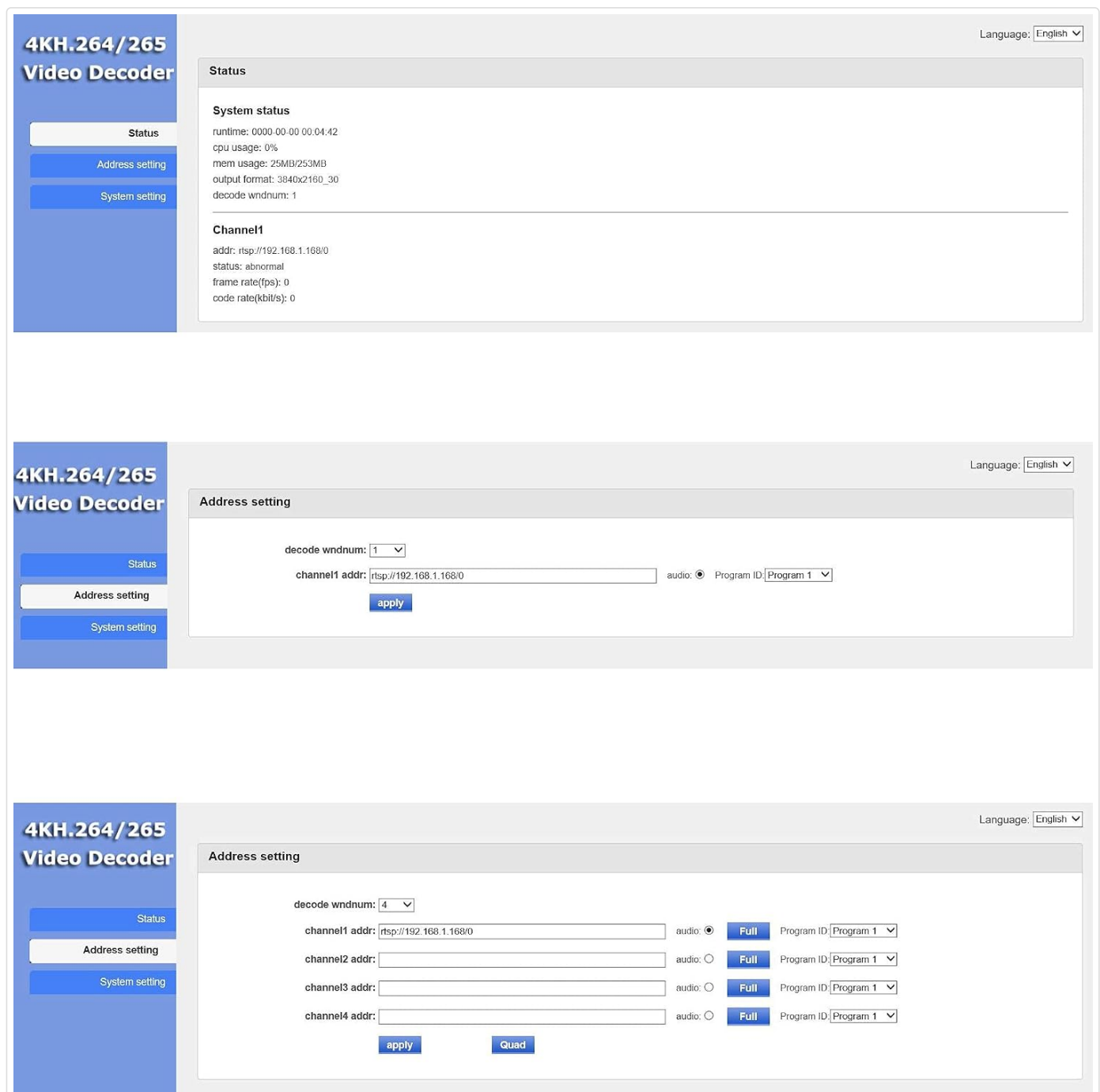


Figure 5: Web interface for 4-channel decoding setup, allowing configuration of multiple input stream addresses.

5.3 System Output and OSD Settings

In the 'System setting' section, you can adjust output parameters such as resolution, rotation, brightness, contrast, hue, and saturation. The 'Osd setting' allows you to configure on-screen display elements.

4KH.264/265
Video Decoder

Status

Address setting

System setting

Network setting

Passwd setting

System output

Osd setting

Crop setting

System update

Reset device

Reboot device

Language: English

Network setting

Internet access

DHCP: Disable

IP: 192.168.1.169

mask: 255.255.255.0

gateway: 192.168.1.1

mac: 00:13:14:15:D8:25

DNS

dns1: 8.8.8.8

dns2: 8.8.4.4

apply

4KH.264/265
Video Decoder

Status

Address setting

System setting

Network setting

Passwd setting

System output

Osd setting

Crop setting

System update

Reset device

Reboot device

Language: English

System output

HD output: 1080P60 ☐ the same as input source

CVBS output: PAL

CVBS Show X: 40 [0,720]

CVBS Show Y: 20 [0,576]

CVBS Show W: 680 [0,720]

CVBS Show H: 540 [0,576]

rotate: 0 degree

Scaling: Disable

brightness: 50

contrast: 50

hue: 50

saturation: 50

apply

4KH.264/265
Video Decoder

Status

Address setting

System setting

Network setting

Passwd setting

Language: English

System update

current version: 1.47.0

choose file:

scan... upload

warning:

Upgrade file name is up.rar. Please dont upload by different people at the same time,dont power off or refresh the page during upload.

Figure 6: Web interface for network settings and system output adjustments, including resolution and color parameters.

4KH.264/265
Video Decoder

Status

Address setting

System setting

Network setting

Passwd setting

System output

Osd setting

Crop setting

System update

Reset device

Reboot device

Osd setting

Region 1

status:

Enable

type:

Text

diaphaneity:

100

X:

10

Y:

10

text:

font size:

36

background color:

Opacity

font color:

Region 2

status:

Disable

Region 3

status:

Disable

Region 4

status:

Disable

4KH.264/265
Video Decoder

Status

Address setting

System setting

Network setting

Passwd setting

System output

Osd setting

Crop setting

System update

Reset device

Reboot device

Language:

English

Crop setting

Decode Channel 1

status:

Enable

X:

0

Y:

0

W:

0

H:

0

apply

Figure 7: Web interface for OSD (On-Screen Display) and video crop settings, allowing customization of display elements and video area.

1 Stream



Quarter Display



3 Streams Top



3 Streams Right



3 Streams Left



3 Streams Bottom



Figure 8: Examples of different display modes supported by the decoder, including single stream, quarter display, and various 3-stream layouts.

5.4 System Update

To update the decoder's firmware, navigate to the 'System update' section in the web interface. Select the firmware file and click 'upload'. Do not power off the device during the update process.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid or aerosol cleaners.
- **Firmware Updates:** Regularly check for and install firmware updates to ensure optimal performance and access to new features.
- **Ventilation:** Ensure the device has adequate ventilation to prevent overheating. Do not block ventilation openings.

7. TROUBLESHOOTING

7.1 No Video Output

- Check all cable connections (HDMI, VGA, CVBS) to ensure they are secure.
- Verify the display device is powered on and set to the correct input source.
- Confirm the decoder is receiving power (check power indicator light).
- Access the web interface to check the decoding status and output settings.

7.2 Network Connection Issues

- Ensure the Ethernet cable is properly connected to the LAN port and your network device.
- Check network indicator lights on the decoder and your router/switch.
- Verify the decoder's IP address and network settings in the web interface. Try rebooting the decoder and your router.

7.3 Audio Delay

- Check for any audio synchronization settings within the decoder's web interface.
- Ensure the input stream itself does not have an inherent audio delay.
- Try restarting the decoding process or the device.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	ISV-HVCD5
Compatible Devices	Monitor, Screen, Projector
Connector Type	HDMI, VGA, CVBS
Input Voltage	12 Volts
Current Rating	1 Amps
Nominal Power	12 Watts
Item Dimensions (L x W x H)	5.39 x 4.13 x 1.1 inches
Item Weight	0.66 Pounds
Number of Ports	3 (HDMI, VGA, CVBS output)
Decoding Support	H.265/H.264 up to 4K@30P or 1080P@60P
Protocols Supported	RTMP, SRT, RTSP, RTP, UDP, HTTP, HLS, FLV, TS

9. WARRANTY INFORMATION

The iseevy ISV-HVCD5 Video Decoder comes with a standard manufacturer's warranty. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation included with your product or contact customer support.

10. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your iseevy ISV-HVCD5 Video Decoder, please contact our customer support team. For the most up-to-date contact information, visit the official iseevy website or refer to your product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question