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› UNISHEEN 1080P60 Video Decoder (Model JM1000) User Manual

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UNISHEEN 1080P60 Video Decoder (Model JM1000) User Manual

Model: JM1000

1. PRODUCT OVERVIEW

The UNISHEEN 1080P60 Video Decoder (Model JM1000) is designed for efficient decoding of various video streams. It supports H.265 and H.264 codecs, providing clear and smooth 1080P60 video output via HDMI. This device is compatible with multiple streaming protocols, including SRT, HTTP, RTSP, RTMP, M3U8, FLV, and UDP (multicast/unicast), making it adaptable to diverse network environments and devices such as IP cameras, video encoders, and set-top boxes. Its plug-and-play design ensures straightforward setup and operation.



Figure 1.1: The UNISHEEN Video Decoder connected to a monitor, showcasing its HD video output and multi-display capabilities.



2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- UNISHEEN 1080P60 Video Decoder (Model JM1000)
- Power Adapter (12V DC)
- User Manual

3. DEVICE LAYOUT AND INTERFACES

Familiarize yourself with the ports and indicators on your UNISHEEN Video Decoder:



Figure 3.1: Front panel interfaces of the UNISHEEN Video Decoder.

1. **LAN Port**: Connect an Ethernet cable to receive IP camera network video streams.

2. **HDMI OUT:** Connect an HDMI cable to a display device for video output up to 1080P60.
3. **RST Button:** Use a pin to press and hold for 12 seconds to restore factory settings.
4. **AUDIO Out:** Connect external audio devices.
5. **DC 12V:** Connect the provided power adapter (supports 5-12V, 1A).
6. **USB (Rear Ports):** Connect a USB flash disk for local video playback.



Figure 3.2: Detailed interface and wiring guide.

4. SETUP INSTRUCTIONS

4.1 Initial Connection

1. Connect the power adapter to the DC 12V port and plug it into a power outlet.
2. Connect an Ethernet cable from your router/switch to the LAN port on the decoder.
3. Connect an HDMI cable from the HDMI OUT port on the decoder to your display device (monitor, TV, projector).
4. If using external audio, connect your audio device to the AUDIO Out port.

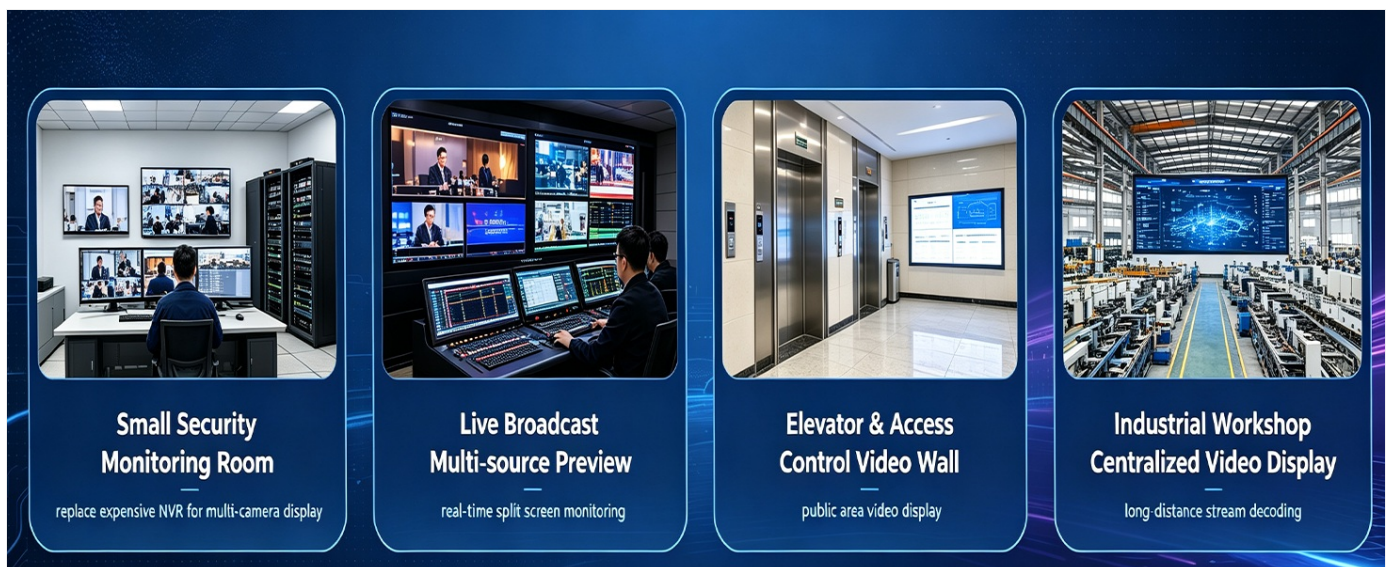


Figure 4.1: Device connection diagram.

4.2 Accessing the Web Console

To configure the decoder, access its web-based management interface:

1. Ensure your computer is on the same network as the decoder.
2. Open any web browser.
3. Enter the decoder's IP address in the address bar (e.g., 192.168.1.xxx). The default IP address is typically found in the included documentation or can be discovered using network scanning tools.
4. Input the default username (usually **admin**) and password (usually **admin**).
5. Click 'Sign in'.

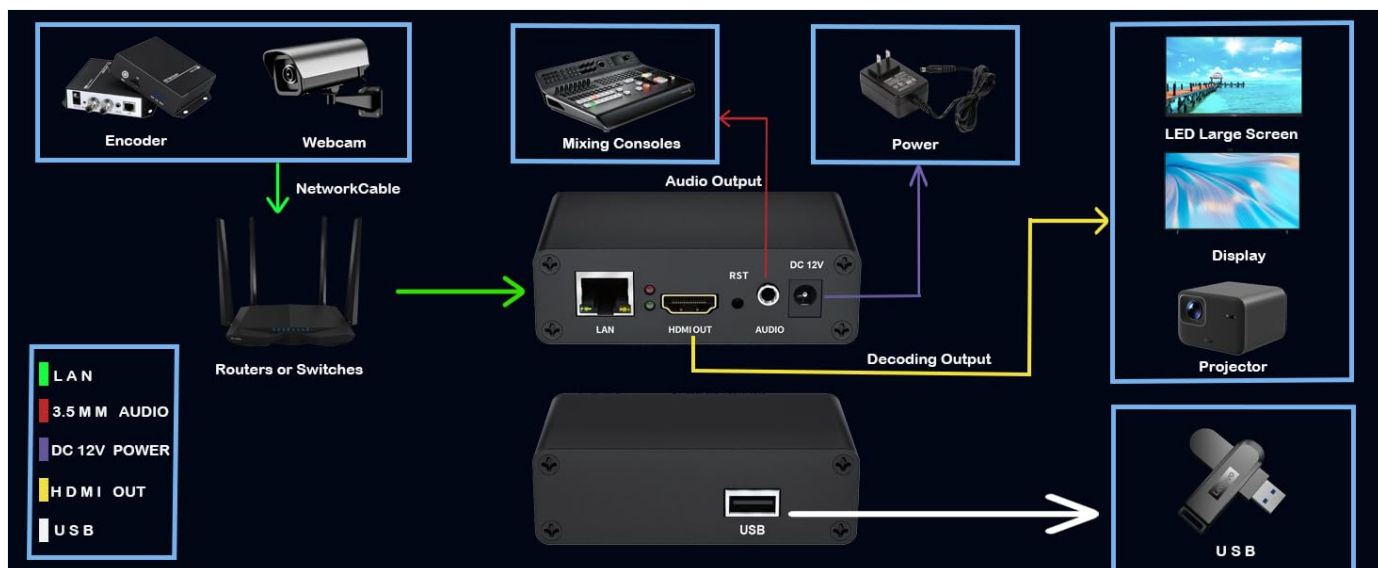


Figure 4.2: Accessing the decoder's web console.

4.3 Obtaining RTSP URL via ONVIF (Example)

If you are decoding an ONVIF-compatible IP camera, you can obtain its RTSP streaming address through the decoder's web interface:

1. In the web console, navigate to the 'Stream address setting' module.
2. Locate the 'ONVIF device' section.
3. Enter the IP address, username, and password of your ONVIF camera.
4. Click 'Get Protocol Address'.
5. Copy the generated RTSP URL.



Figure 4.3: Steps to obtain an RTSP URL from an ONVIF camera.

4.4 Configuring Stream Address

Once you have the stream URL, configure the decoder to play it:

1. In the web console, go to 'Stream address setting'.
2. Paste the obtained protocol address into the 'Channel 1 Address' field.
3. Click 'Apply' to save the settings and recognize the protocol.

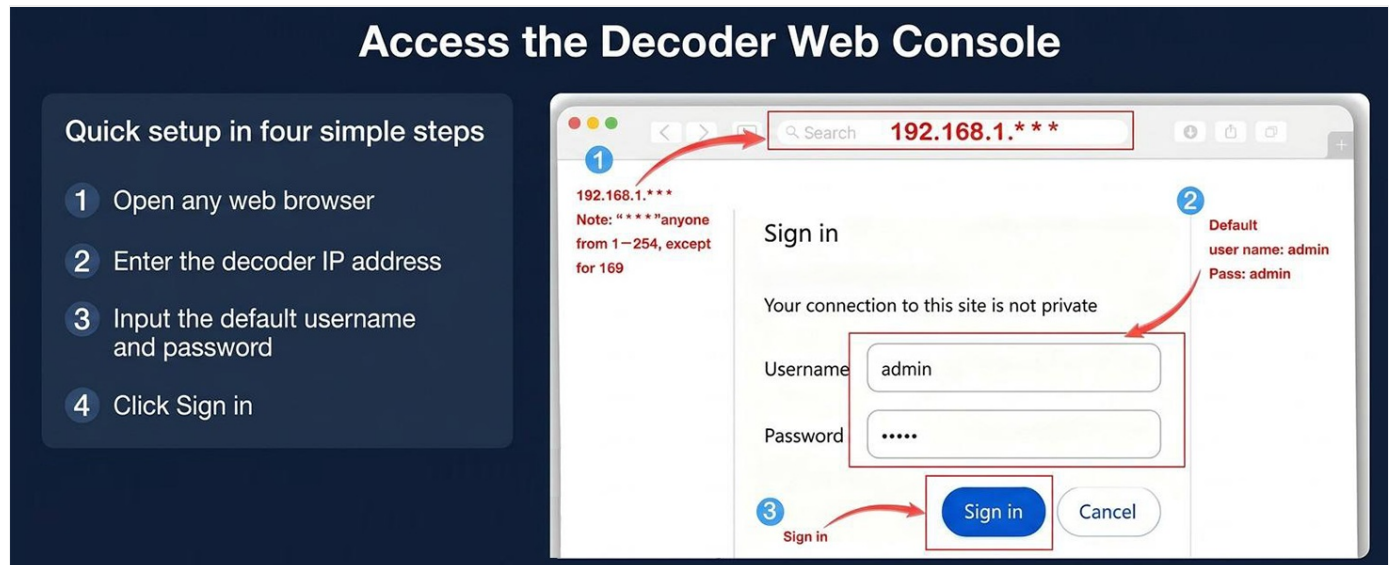


Figure 4.4: Configuring the stream address in the web console.

5. OPERATING INSTRUCTIONS

5.1 Multi-Screen Layout

The decoder supports various customizable split-screen modes for surveillance, live preview, and industrial video decoding. You can configure these layouts via the decoder's web backend to suit different monitoring and display scenarios.

- Single Channel Full Screen
- Quad Split Screen (4 streams)
- Three Screens (top, bottom, left, right configurations)
- Custom Screen Position & Size
- Add Text / Image / Rolling Text overlays

Flexible Multi-Screen Layout

Customizable split-screen modes for security, live preview and industrial video decoding



 Single Channel Full Screen

 Quad Split Screen

 Three Screens at the Top

 Three Screens at the Bottom

 Three Screens on the Left

 Three Screens on the Right

 Custom Screen Position & Size

 Add Text / Image / Rolling Text

Configure via decoder backend to match different monitoring and display scenarios.



Figure 5.1: Flexible multi-screen layout options.

Reliable Safety & Quality Certification



Safe Power Supply



Stable Performance



Temperature Control



Figure 5.2: Examples of up to four simultaneous stream displays.

5.2 Supported Protocols

The decoder supports a wide range of streaming protocols for broad compatibility:

- SRT (Secure Reliable Transport)
- HTTP
- RTSP (Real-Time Streaming Protocol)
- RTMP (Real-Time Messaging Protocol)
- M3U8 (HTTP Live Streaming)
- FLV (Flash Video)
- UDP (User Datagram Protocol) - Multicast and Unicast



Figure 5.3: Supported streaming protocols.

6. MAINTENANCE

To ensure the longevity and optimal performance of your UNISHEEN Video Decoder, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or aerosols.
- **Environment:** Operate the device in a well-ventilated area, away from direct sunlight, heat sources, and excessive dust or moisture.
- **Power Supply:** Always use the original power adapter provided with the device. Using an incorrect power supply can cause damage or overheating.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure the best performance and compatibility.
- **Resetting:** If the device malfunctions, a factory reset can be performed by pressing the RST button with a pin for 12 seconds. Note that this will erase all custom settings.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your UNISHEEN Video Decoder.

UNISHEEN DECODER QA

Shipping – Usage – Support – after-sales

Q: Why hasn't my order been shipped yet?

A: Amazon warehouse inventory update delay. Please check the estimated delivery date before purchasing and wait patiently.

Q: Why is my decoder showing a red light?

A: The red light turns on when connected to power. It is not an overheating indicator.

Q: Why is my decoder overheating?

A: It may be caused by excessive input voltage. Please use the original power adapter included in the package.

Q: What devices can this decoder connect to?

A: Network IP cameras, video encoders, live streaming devices, NVR recorders, and other mainstream streaming signal sources.

Q: How do I use this decoder?

A: 1. Power on the decoder, connect the HDMI cable, and plug in the LAN network cable. 2. Log in to the decoder's web management interface. 3. Obtain the stream URL and enter it. 4. Wait for the video to display.

Q: What is your after-sales policy?

A: ① 30-day free return/exchange post receipt; ② 12-month free hardware replacement for non-manmade faults; ③ Permanent free technical debugging support.

Q: How do I contact the seller?

A: Find the UNISHEEN seller on your order page, or reach out through the "About Seller" section on our store homepage. Our technical support team will provide remote assistance within 24 hours.

Figure 7.1: Common questions and answers for the UNISHEEN Decoder.

Problem	Possible Cause / Solution
Decoder showing a red light	This is not an overheating indicator. It typically indicates the device is connected to power. If it's not functioning, check other connections.
Decoder overheating	May be caused by excessive input voltage. Ensure you are using the original power adapter included in the package.
No video display after setup	• Verify all cables (power, LAN, HDMI) are securely connected. • Ensure the display device is set to the correct HDMI input. • Access the decoder's web console and confirm the stream URL is correctly entered and applied. • Check if the source (IP camera, encoder) is actively streaming.
Cannot access web console	• Ensure your computer is on the same network segment as the decoder. • Verify the decoder's IP address is correct. • Check network cable connection to the LAN port. • Try resetting the decoder to factory settings using the RST button.

8. SPECIFICATIONS

Detailed technical specifications for the UNISHEEN 1080P60 Video Decoder (Model JM1000):

Feature	Detail
Model Number	JM1000
Brand	UNISHEEN
Decoding Resolution	Max 1080P60
Supported Codecs	H.265, H.264
Supported Protocols	SRT, HTTP, RTSP, RTMP, M3U8, FLV, UDP (multicast/unicast)
Connector Type	HDMI
Number of Ports	2 (LAN, HDMI Out, plus Audio Out, DC 12V, USB)
Input Voltage	12V DC
Item Weight	0.1 kg
Compatible Devices	Gaming Console, Laptop, Personal Computer, Smart Television, IP Cameras, Video Encoders
Color	Black

9. WARRANTY AND SUPPORT

UNISHEEN is committed to providing reliable products and customer support.

9.1 Warranty Information

- **Manufacturer Warranty:** This product comes with a 2-year manufacturer warranty.
- **After-Sales Service:** Enjoy 12-month free after-sales service for quality defects.

9.2 Return Policy

- **30-Day Free Return:** A 30-day free return and full refund policy applies from the date of receipt.

9.3 Technical Support

For any technical assistance, setup issues, or product inquiries, please contact our support team:

- **Lifelong Dedicated Technical Support:** We offer continuous technical support for the lifetime of the product.
- **Contact Seller:** For the fastest resolution to faulty items, missing parts, or setup issues, please contact the seller directly through your order page or the 'About Seller' section on the UNISHEEN store homepage.
- **Email:** service@unisheen.cn
- **Website:** unisheen.cn



The graphic illustrates the after-sales service process. On the left, a three-step flowchart shows: 1. Go to Your Orders (with a laptop icon), 2. Find Your Order (with a speech bubble icon), and 3. Contact Seller (with a headset icon). Below this, a blue box contains the text: 'Faulty items, missing parts, or setup issues — **contact seller first** for a fast solution'. On the right, a box titled 'After-Sales & Service Instructions' lists: 'Contact our seller before submitting an official claim', '1. 30-day free return and full refund', '2. 12-month free after-sales service for quality defects', and '3. Lifelong dedicated technical support'. In the bottom right corner, there is an image of a black UNISHEEN network device with ports labeled LAN, HUB/UPST, RJ45, and DI-12V.

Figure 9.1: After-sales and service instructions.



Figure 9.2: UNISHEEN customer support contact details.

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