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## Axis Communications T8705

# Axis Communications T8705 Video Decoder User Manual

Model: 01186-001

## 1. INTRODUCTION

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The Axis Communications T8705 Video Decoder is a compact and efficient device designed to display live video streams from Axis network cameras directly onto digital monitors. This eliminates the need for a personal computer, offering a cost-effective and streamlined solution for video monitoring applications. The T8705 is optimized for decoding H.264 (baseline, main, and high profile) and Motion JPEG video streams at full frame rate, supporting resolutions up to HDTV 1080p.

This manual provides essential information for the proper installation, operation, and maintenance of your T8705 Video Decoder.

## 2. PACKAGE CONTENTS

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Verify that all items are present in the package before proceeding with installation:

- Axis T8705 Video Decoder
- External Power Adapter
- Monitor Mounting Bracket (VESA mount compatible)



Figure 2.1: Axis T8705 Video Decoder with power adapter and mounting bracket.

## 3. SETUP

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Follow these steps to set up your Axis T8705 Video Decoder:

1. **Mounting:** Attach the provided VESA mounting bracket to the back of a compatible monitor or a suitable surface. Secure the T8705 Video Decoder to the bracket.
2. **Connect to Monitor:** Connect an HDMI cable (not included) from the HDMI output port on the T8705 to the HDMI input port on your digital monitor.
3. **Network Connection:** Connect an Ethernet cable (not included) from your network switch or router to the Ethernet port on the T8705. Ensure the network provides access to your Axis network cameras.
4. **Power Connection:** Connect the external power adapter to the power input port on the T8705, then plug the adapter into a power outlet. The device will power on automatically.
5. **Initial Configuration:** Access the T8705's web interface via a web browser on a computer connected to the same network. Refer to the Axis Communications website for detailed instructions on initial network discovery and configuration of video streams.

## 4. OPERATING INSTRUCTIONS

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Once configured, the T8705 Video Decoder operates by receiving and decoding video streams from your Axis network cameras and displaying them on the connected monitor. Key operational features include:

- **Video Decoding:** Supports H.264 (baseline, main, high profile) and Motion JPEG formats.
- **Resolution:** Decodes video up to HDTV 1080p resolution.
- **Sequence and Multitier Display:** The T8705 supports displaying multiple video streams in sequence or in a multitier layout, allowing for flexible monitoring setups. Configuration of these display modes is performed through the device's web interface.
- **Integration:** Designed for seamless integration within Axis solutions, ensuring compatibility and optimal performance with Axis network cameras and video management software.

For detailed configuration of video sources, display layouts, and other advanced settings, please consult the comprehensive documentation available on the official Axis Communications support portal.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your T8705 Video Decoder, follow these general maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols directly on the unit.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Environmental Conditions:** Operate the device within the specified environmental conditions (temperature, humidity) as outlined in the product specifications.
- **Firmware Updates:** Regularly check the Axis Communications website for firmware updates. Keeping the firmware up-to-date ensures access to the latest features, security enhancements, and performance improvements.

## 6. TROUBLESHOOTING

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If you encounter issues with your T8705 Video Decoder, consider the following basic troubleshooting steps:

- **No Power:**
  - Verify the power adapter is securely connected to the device and a working power outlet.
  - Check if the power outlet is functional by plugging in another device.
- **No Video Display:**
  - Ensure the HDMI cable is securely connected to both the T8705 and the monitor.
  - Confirm the monitor is set to the correct HDMI input source.
  - Check the network connection to ensure the T8705 can access the video streams from your Axis cameras.
  - Verify that the Axis network cameras are operational and streaming video.
  - Access the T8705's web interface to confirm video source configuration.
- **Network Connectivity Issues:**
  - Ensure the Ethernet cable is properly connected.
  - Check your network router/switch for proper operation.
  - Confirm the T8705 has a valid IP address and network settings.

For more advanced troubleshooting or persistent issues, refer to the Axis Communications support website or contact technical support.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	01186-001
Product Dimensions	2.24 x 3.27 x 1.85 inches (57 x 83 x 47 mm)
Item Weight	3.52 ounces (100 grams)
Connectivity Technology	HDMI, Ethernet
Compatible Devices	Axis Network Cameras, Digital Monitors
Video Decoding	H.264 (Baseline, Main, High Profile), Motion JPEG
Max Resolution	HDTV 1080p
Number of Channels	4 (for display configuration, actual stream count depends on setup)
Manufacturer	Axis Communications

## 8. WARRANTY AND SUPPORT

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Axis Communications products are backed by a limited warranty. Specific warranty terms and conditions are typically provided with your product documentation or can be found on the official Axis Communications website. Please retain your proof of purchase for warranty claims.

For technical support, product documentation, firmware updates, and frequently asked questions, please visit the official Axis Communications support portal:

<https://www.axis.com/support>

Contact information for regional support centers can also be found on their website.