TIGERSECU TS-2MP-302T08-H264

TIGERSECU Super HD 1080P 8 Channel DVR Security Recorder

USER MANUAL

1. Introduction

Thank you for choosing the TIGERSECU Super HD 1080P 8 Channel DVR Security Recorder. This DVR is designed to provide reliable and versatile surveillance for your home or business. It offers broad compatibility with various camera types and features remote access capabilities, allowing you to monitor your property from anywhere.

Key Features:

- **Universal Compatibility:** Works with 2MP/5MP HD TVI, AHD, CVI, RS485 PTZ, analog, and IP cameras.
- **Remote Access:** Access and control your surveillance footage remotely via the TIGERSECU HD Viewer app (iOS and Android compatible) without monthly fees.
- **Efficient Recording:** High-efficiency video compression (H.264) maximizes storage space.
- **Quiet Operation:** Unique heat sink fan technology ensures self-cooling and prevents overheating without fan noise.
- **Audio Inputs:** 4 audio inputs for recording on channels 1 to 4.
- **Multiple Monitor Connections:** Supports HD-port, VGA, and CVBS outputs for versatile display options.

What's in the Box:

- 1x TIGERSECU 8-Channel DVR (TS-2MP-302T08-H264)
- 1x 12V3A Power Supply
- 1x Remote Control
- 1x USB Mouse
- 1x User Manual
- 1x Quick Guide
- 1x Security Sticker
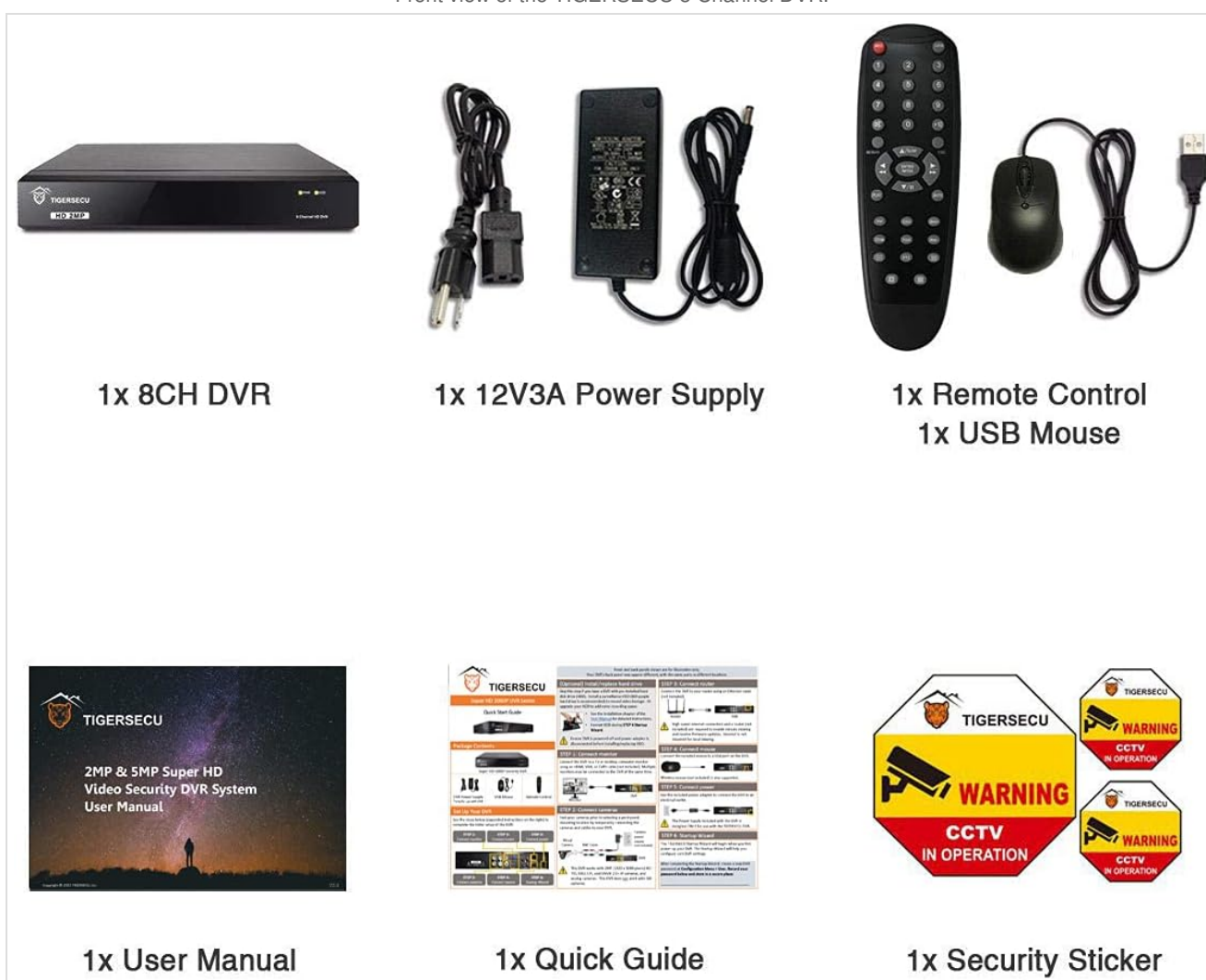
Front view of the TIGERSECU 8 Channel DVR.

1x 8CH DVR

1x 12V3A Power Supply

1x Remote Control
1x USB Mouse

1x User Manual

1x Quick Guide

1x Security Sticker

Image showing all items included in the TIGERSECU DVR package.

2. Setup

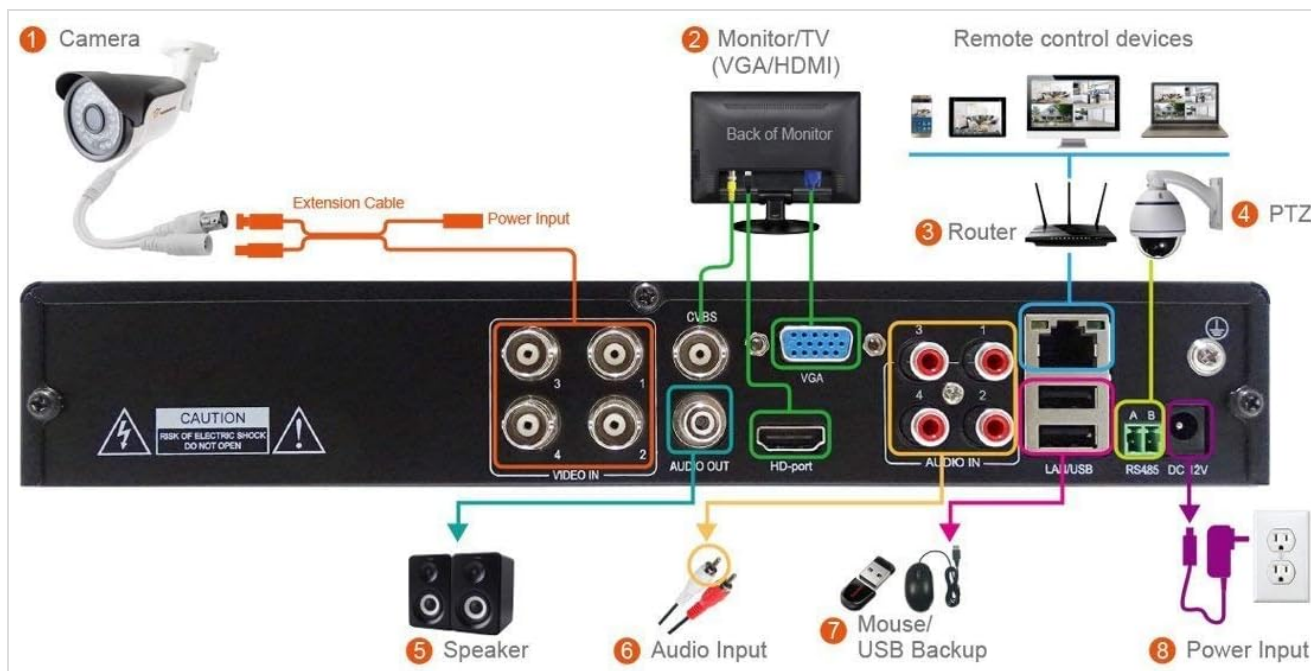Follow these steps for the initial setup of your TIGERSECU DVR system.

2.1 Hardware Connections

1. **Connect Cameras:** Connect your compatible security cameras to the BNC video input ports (1-8) on the back of the DVR.

2. **Connect Monitor:** Connect a monitor to the DVR using either the HD-port, VGA, or CVBS output. Ensure your monitor supports at least 1080p resolution.

3. **Connect Audio (Optional):** If using cameras with audio or external microphones, connect them to the audio input ports (AUDIO IN 1-4). Connect speakers to the AUDIO OUT port if needed.

4. **Connect Network:** Connect an Ethernet cable from the LAN/USB port to your router for network access and remote viewing.

5. **Connect USB Mouse:** Plug the included USB mouse into one of the USB ports for navigation.

6. **Connect Power:** Connect the DVR power supply to the DC 12V input and then plug it into a power outlet. The DVR will power on automatically.

Rear panel connections of the DVR, illustrating ports for cameras, audio, video output, network, and power.

Detailed diagram showing how to connect cameras, monitor, audio, and power to the DVR.

2.2 Hard Drive Installation (Optional)

This DVR model (0TB) does not include a pre-installed hard disk drive. For continuous local recording, you must install a surveillance-grade hard drive (up to 16TB). Compatible brands include WD Purple, Toshiba, and Seagate surveillance hard drives. **Note:** This DVR does not work with external hard drives.

1. Unplug the DVR from power.
2. Remove the top cover of the DVR by unscrewing the retaining screws.
3. Carefully connect the SATA data and power cables from the DVR to your hard drive.
4. Secure the hard drive inside the DVR chassis using the provided screws.
5. Replace the top cover and secure it with the screws.
6. Plug the DVR back into power.
7. Upon first boot with a new HDD, you may need to format the drive through the DVR's system settings. Refer to the on-screen menu for instructions.

Hard drive is not included. Option to install a surveillance hard drive for local recording.

The DVR requires a separate surveillance hard drive for local recording.

2.3 Remote Access Setup (TIGERSECU HD Viewer App)

To view your cameras remotely, download the TIGERSECU HD Viewer app.
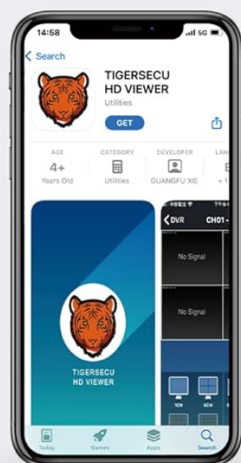
1. Ensure your DVR is connected to the internet via an Ethernet cable.
2. Download the 'TIGERSECU HD Viewer' app from the App Store (iOS 9.3 or later) or Google Play Store (Android 9 or later).
3. Open the app and follow the on-screen instructions to add your DVR. This typically involves scanning a QR code on the DVR or manually entering its serial number.
4. For optimal performance, a 1 Mbps upload speed is recommended for each 1080P camera. Bitrate settings can be adjusted in the DVR to accommodate slower network speeds.
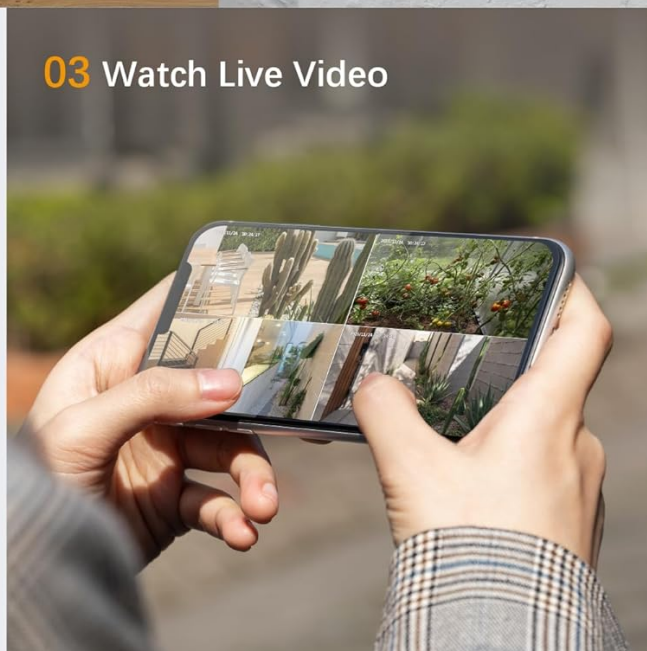
Visual guide for connecting cameras, downloading the app, and watching live video.

3. Operating the DVR

This section covers the basic operation of your TIGERSECU DVR.

3.1 Live View

Once the DVR is powered on and cameras are connected, you should see the live camera feeds on your connected monitor. Use the USB mouse to navigate the on-screen menu.

- **Split Screen:** The DVR supports various split-screen views to display multiple cameras simultaneously.
- **Single Camera View:** Double-click on any camera feed to view it in full screen. Double-click again to return to the split-screen view.

3.2 Recording and Playback

The DVR supports continuous recording, scheduled recording, and motion-detection recording, provided a hard drive is installed and formatted.

- **Recording Settings:** Access the 'Record' menu from the main interface to configure recording schedules and motion detection zones for each camera.
- **Playback:** To review recorded footage, select 'Playback' from the main menu. You can search by date, time, and event type (e.g., motion detection). The DVR supports up to 32x playback speed.
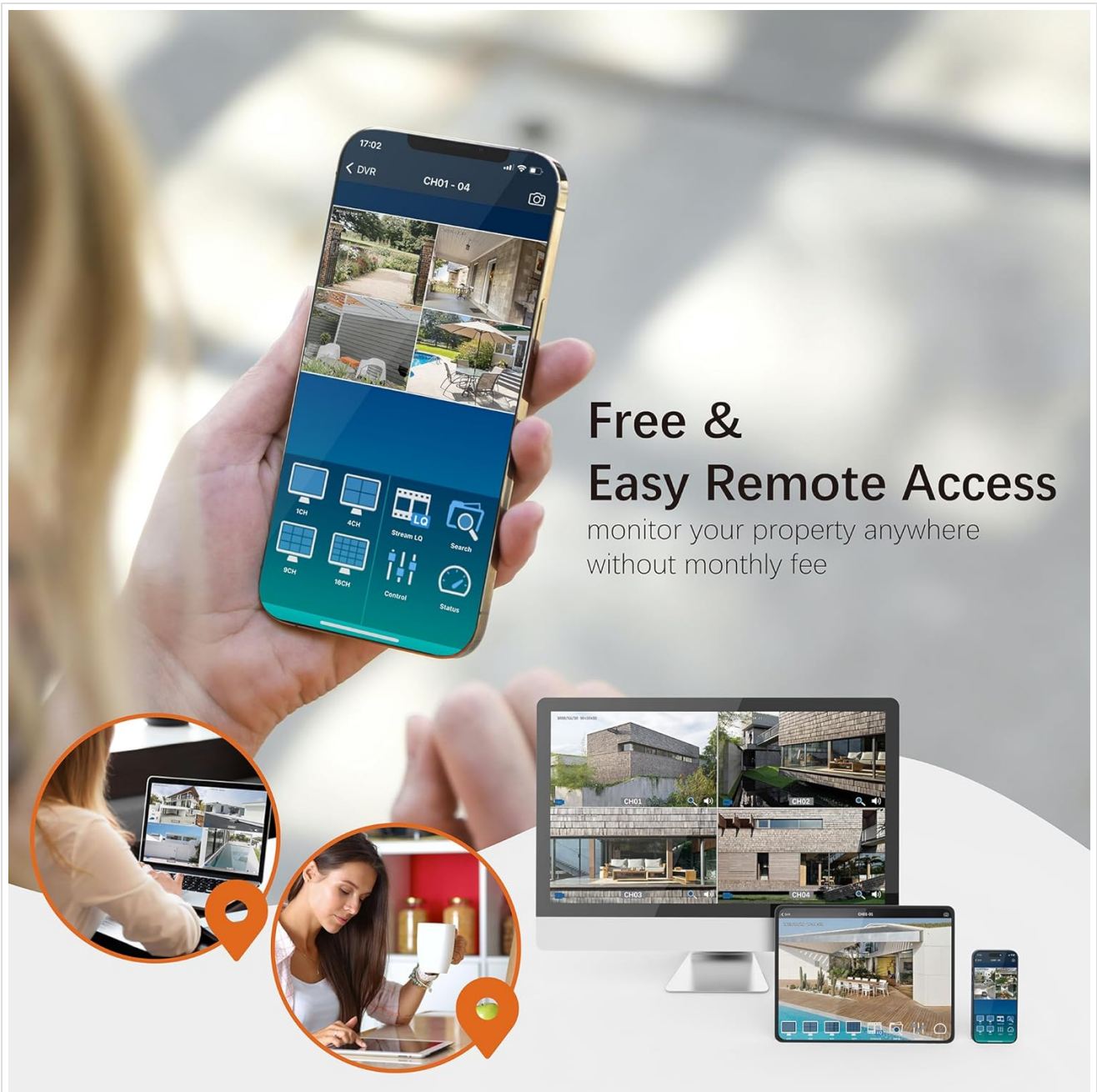

The DVR supports 8-channel live screen and 32x playback for reviewing footage.

3.3 Remote Access via App

The TIGERSECU HD Viewer app allows you to monitor your property from anywhere with an internet connection.

- **Live View:** View live feeds from your cameras on your smartphone or tablet.
- **Playback:** Access and play back recorded footage directly from the app.
- **Push Notifications:** Configure the app to receive instant alerts for motion detection or other events.
- **PTZ Control:** If you have PTZ (Pan-Tilt-Zoom) cameras, you can control their movement through the app.

Free and easy remote access allows monitoring your property from anywhere.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your DVR system.

4.1 Hard Drive Management

The DVR is designed to overwrite the oldest footage automatically once the hard drive is full. You can configure recording settings to optimize storage usage.

- Regularly check the hard drive status in the DVR's system settings to ensure it is functioning correctly.
- If you experience recording issues, verify the hard drive is properly installed and formatted.

4.2 System Cooling

The TIGERSECU DVR incorporates a unique heat sink fan technology to self-cool and prevent overheating,

contributing to a quieter system without traditional fan noise.

- Ensure the DVR is placed in a well-ventilated area, away from direct sunlight or heat sources.
- Do not block the ventilation openings on the DVR.

Illustration of the heat sink technology for efficient cooling.

5. Troubleshooting

This section provides solutions to common issues you might encounter.

5.1 No Video Output / Black Screen

- **Check Power:** Ensure the DVR is powered on and the power adapter is securely connected.
- **Monitor Connection:** Verify the video cable (HD-port, VGA, or CVBS) is securely connected to both the DVR and the monitor. Try a different video output port on the DVR or a different cable.
- **Monitor Input:** Ensure your monitor is set to the correct input source (e.g., HDMI 1, VGA).
- **Resolution:** Confirm your monitor supports 1080p resolution.

5.2 No Camera Image / Offline Camera

- **Camera Power:** Ensure the camera is receiving power.
- **Cable Connection:** Check the BNC cable connection between the camera and the DVR. Ensure it is secure and not damaged.
- **Camera Compatibility:** Verify the camera type (TVI, AHD, CVI, Analog, IP) is compatible with the DVR and configured correctly. The DVR supports 2MP/5MP TVI, AHD, CVI, and D1/CVBS cameras. It supports standard IP cameras but not SDI/4K/8MP.
- **IP Camera Network:** For IP cameras, ensure they are on the same network as the DVR and added via network search, not by direct plugging into the DVR.

Important information regarding camera compatibility with the DVR.

5.3 Remote Access Issues

- **Internet Connection:** Ensure both the DVR and your mobile device have a stable internet connection.
- **App Version:** Make sure your TIGERSECU HD Viewer app is updated to the latest version.
- **DVR Settings:** Check the network settings on the DVR to ensure it has obtained an IP address and is connected to the internet.
- **Firewall/Router:** Ensure your router's firewall is not blocking the DVR's connection. Port forwarding may be required in some network configurations.
- **Time Synchronization:** If the DVR's time drifts, connect it to a network time server (NTP) in the system settings to ensure accurate timekeeping, which is crucial for proper recording and playback indexing.

5.4 Recording Not Working

- **Hard Drive:** Verify a compatible surveillance hard drive is installed and properly formatted.
- **Recording Schedule:** Check the recording schedule in the DVR settings to ensure it is enabled for the desired channels and times.
- **Motion Detection:** If using motion detection, ensure it is configured correctly and the sensitivity is appropriate.

6. Specifications

Detailed technical specifications for the TIGERSECU 8 Channel DVR.

Feature	Specification
Model Number	TS-2MP-302T08-H264
Product Dimensions	10.8 x 8.5 x 1.8 inches (10.8"L x 8.5"W x 1.8"H)
Item Weight	3.76 pounds
Connectivity Technology	VGA, HDMI, CVBS
Compatible Devices	Laptop, Television, Desktop, Camera, Smartphone

Feature	Specification
Memory Storage Capacity	Up to 16 TB (HDD not included)
Video Inputs	8 Channels (BNC)
Audio Inputs	4 Channels (RCA)
Audio Output	1 Channel (RCA)
Display Resolution	1920 x 1080 pixels
Video Compression	H.264 (High Efficiency)
Remote Access App	TIGERSECU HD Viewer (iOS 9.3+, Android 9+)
Manufacturer	TIGERSECU
Country of Origin	China

Physical dimensions of the DVR unit.

7. Warranty

TIGERSECU products typically come with a manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the official TIGERSECU website for detailed warranty terms and conditions. Retain your proof of purchase for warranty claims.

8. Support

For technical assistance, troubleshooting, or any questions regarding your TIGERSECU DVR, please contact TIGERSECU customer support. As a family-owned small business, TIGERSECU is committed to providing high-quality products and dedicated customer service.

- **Online Resources:** Visit the official TIGERSECU website for FAQs, software updates, and additional support materials.
- **Contact Information:** Refer to the contact details provided in your Quick Guide or on the TIGERSECU website.
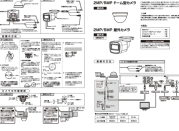
TIGERSECU is a family-owned business dedicated to customer satisfaction.

TIGERSECU is based in Lomita, California, committed to protecting your home and business.

Related Documents - **TS-2MP-302T08-H264**

	[Anjielo Smart Home 4-Wire Digital-Analog Hybrid System User Manual](#) Comprehensive guide to the Anjielo Smart Home 4-Wire Digital-Analog Hybrid System, featuring 2MP resolution, AHD/TVI/CVI compatibility, and integration with the Tuya Smart/Smart Life APP. Includes installation, operation, and troubleshooting instructions.
	[iSMART 4-Wire Digital-Analog Hybrid System: User Manual & Specifications](#) Comprehensive guide to the iSMART 4-Wire Digital-Analog Hybrid System, featuring 2MP resolution, AHD/TVI/CVI compatibility, and integration with Tuya Smart/Smart Life APP. Includes product overview, specifications, installation, operation, and troubleshooting.
	[Anjielo Smart Home 4-Wire Digital-Analog Hybrid System User Manual](#) Comprehensive user manual for the Anjielo Smart Home 4-Wire Digital-Analog Hybrid System, detailing features, installation, operation, and troubleshooting for the 2MP resolution AHD/TVI/CVI system compatible with Tuya Smart/Smart Life APP.
	[ANJIELO SMART Home Video Doorbell System: User Manual and Installation Guide](#) This user manual provides detailed instructions for the ANJIELO SMART 4-Wire Digital-Analog Hybrid Video Doorbell System. Learn about its features, installation, app integration with Tuya Smart/Smart Life, and troubleshooting.
	[2MP/5MP Dome and Outdoor Security Camera Installation and Safety Guide](#) This guide provides detailed instructions for installing and operating 2MP/5MP dome and outdoor security cameras, including parts identification, installation steps, connection methods, and essential safety precautions. It also outlines warranty information.
	[Tmezon 4-Wire Digital-Analog Hybrid System Installation and Operation Guide](#) Comprehensive guide for the Tmezon 4-wire digital-analog hybrid system, covering installation, wiring diagrams, specifications, and app integration for models like MZ-IP-V1026TW and MZ-IP-V726TW. Learn about AHD/TVI/CVI 2MP resolution and Tuya Smart APP features.