SOVMIKU 10 in Monitor NVR Without Hard Drive

SOVMIKU 10-inch Monitor NVR User Manual

Model: 10 in Monitor NVR Without Hard Drive
Brand: SOVMIKU

1. Product Overview

The SOVMIKU 10-inch Monitor NVR is a wireless network video recorder designed to work exclusively with SOVMIKU wireless cameras. This NVR features an integrated 10-inch monitor for convenient local viewing and supports up to 8 channels. It is capable of handling camera resolutions up to 3.0 megapixels, including 1080P, and offers advanced features such as human detection when paired with compatible SOVMIKU 3MP cameras.
This NVR unit does not include a pre-installed hard drive. For video playback and recording, an internal hard drive (up to 3TB capacity) must be installed separately.



Figure 1.1: SOVMIKU 10-inch Monitor NVR with live camera feeds.



Figure 1.2: Overview of the SOVMIKU NVR system components, including cameras and optional storage.

2. Setup and Installation

2.1 Power Requirements

Ensure the NVR's power supply is rated for 12V2A or 12V3A output. Using a power supply with insufficient output, such as a 12V1A camera power supply, will not provide enough power for the NVR to operate correctly, especially if a hard drive is installed.

2.2 Hard Drive Installation (Optional)

To enable video playback and recording, an internal hard drive must be installed. The NVR supports hard drives up to 3TB capacity. Refer to the specific hard drive installation guide provided with your NVR for detailed steps.

2.3 Pairing New Cameras

New cameras are not pre-paired with your NVR. Follow these steps to add a new SOVMIKU wireless camera to your NVR system:

1. Right-click on the NVR mouse to access the main menu.
2. Select "Wireless" from the menu options.
3. Locate the reset button on the new camera and press it for approximately 10 seconds.
4. On the NVR screen, click "Code for Wireless".
5. Wait for a new IP address to appear on the screen.
6. Once the IP address is displayed, click "Continue". If no IP address appears, click "Search again".

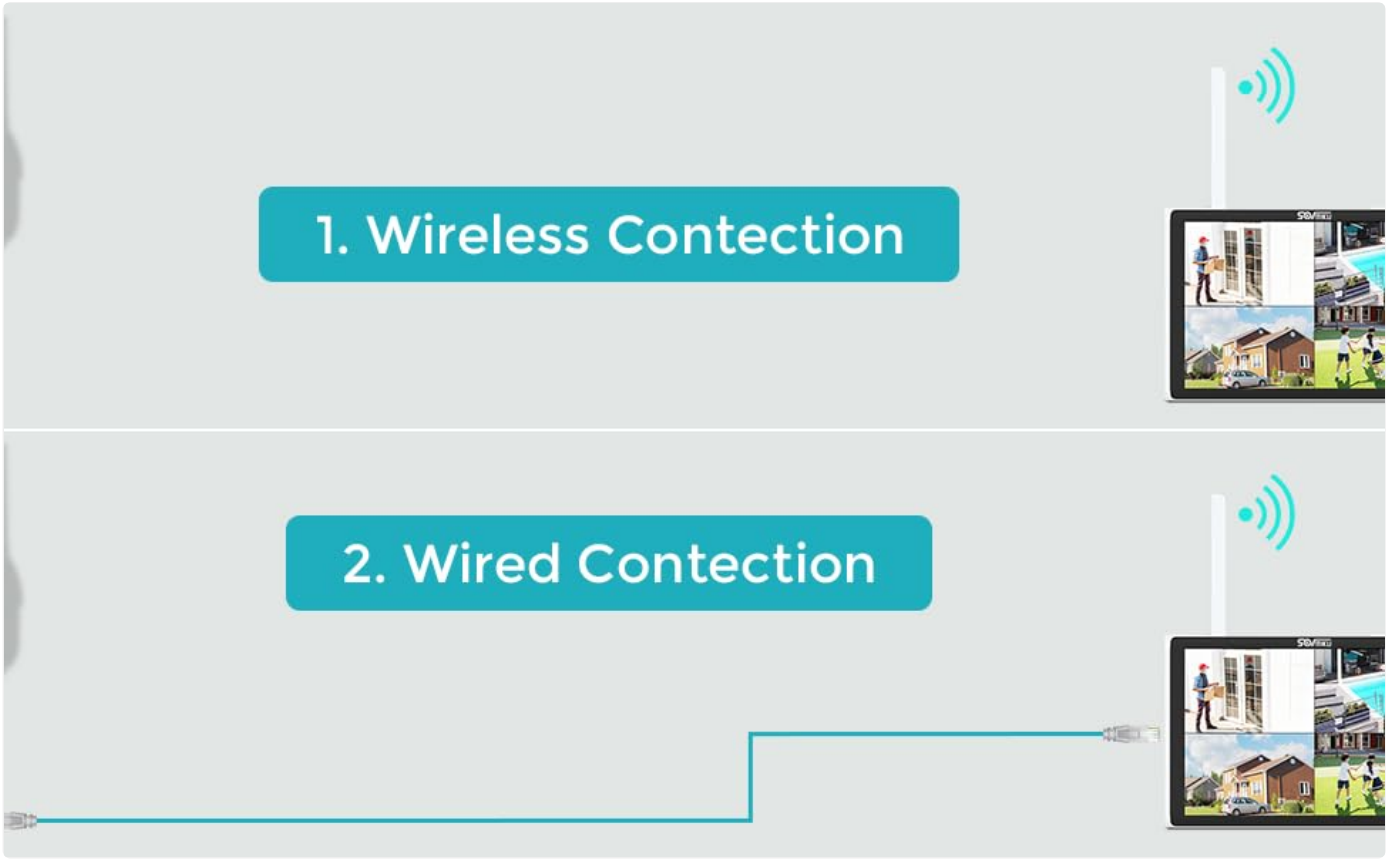


Figure 2.1: Illustration of wireless and wired connection methods for the NVR system.

3. Operating Instructions

3.1 Live View

Once cameras are paired, their feeds will automatically display on the integrated 10-inch monitor. You can switch between single-camera view and multi-camera grid view using the NVR's interface controls.

3.2 Recording and Playback

With a hard drive installed, the NVR will begin recording based on your configured settings (e.g., continuous, motion-triggered). To review recorded footage, access the playback menu through the NVR interface. The NVR utilizes H.265+ video compression, which significantly reduces storage space compared to H.264, allowing for more recorded footage on the same hard drive capacity.

Figure 3.1: H.265+ video compression offers over 50% storage savings compared to H.264.

3.3 Motion Detection

When paired with compatible SOVMIKU 3MP cameras, the NVR supports human detection functionality. This feature helps reduce false motion detection notifications, providing more accurate alerts.

3.4 Remote Access

The SOVMIKU NVR system supports remote viewing via a dedicated mobile application, available on both Google Play and the App Store. This allows you to monitor your property from anywhere with an internet connection.

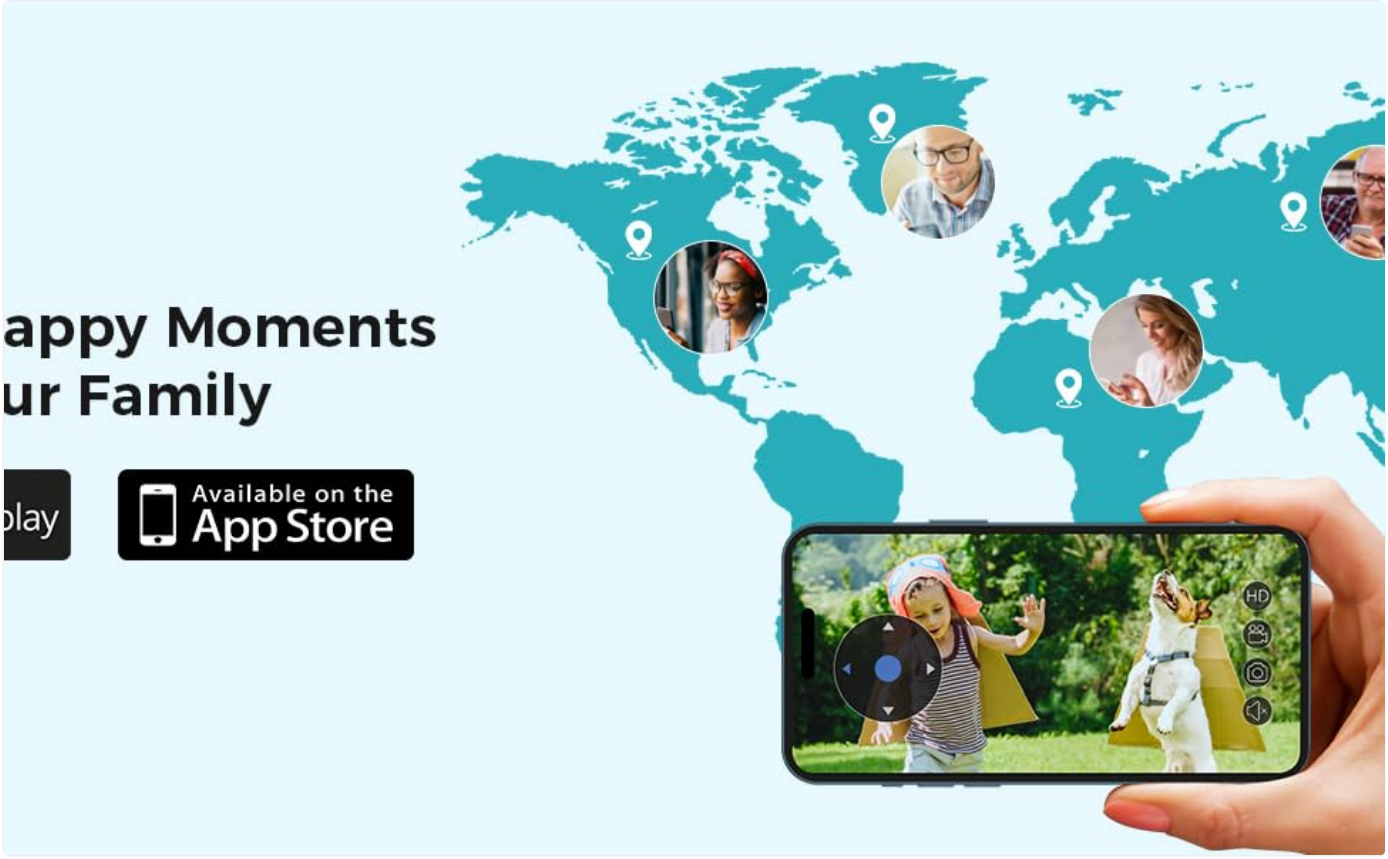


Figure 3.2: Remote monitoring of your SOVMIKU security system via mobile application.

3.5 Smart Home Integration

The SOVMIKU NVR system can integrate with certain smart home platforms, such as Amazon Alexa, allowing for voice control and viewing on compatible smart displays.

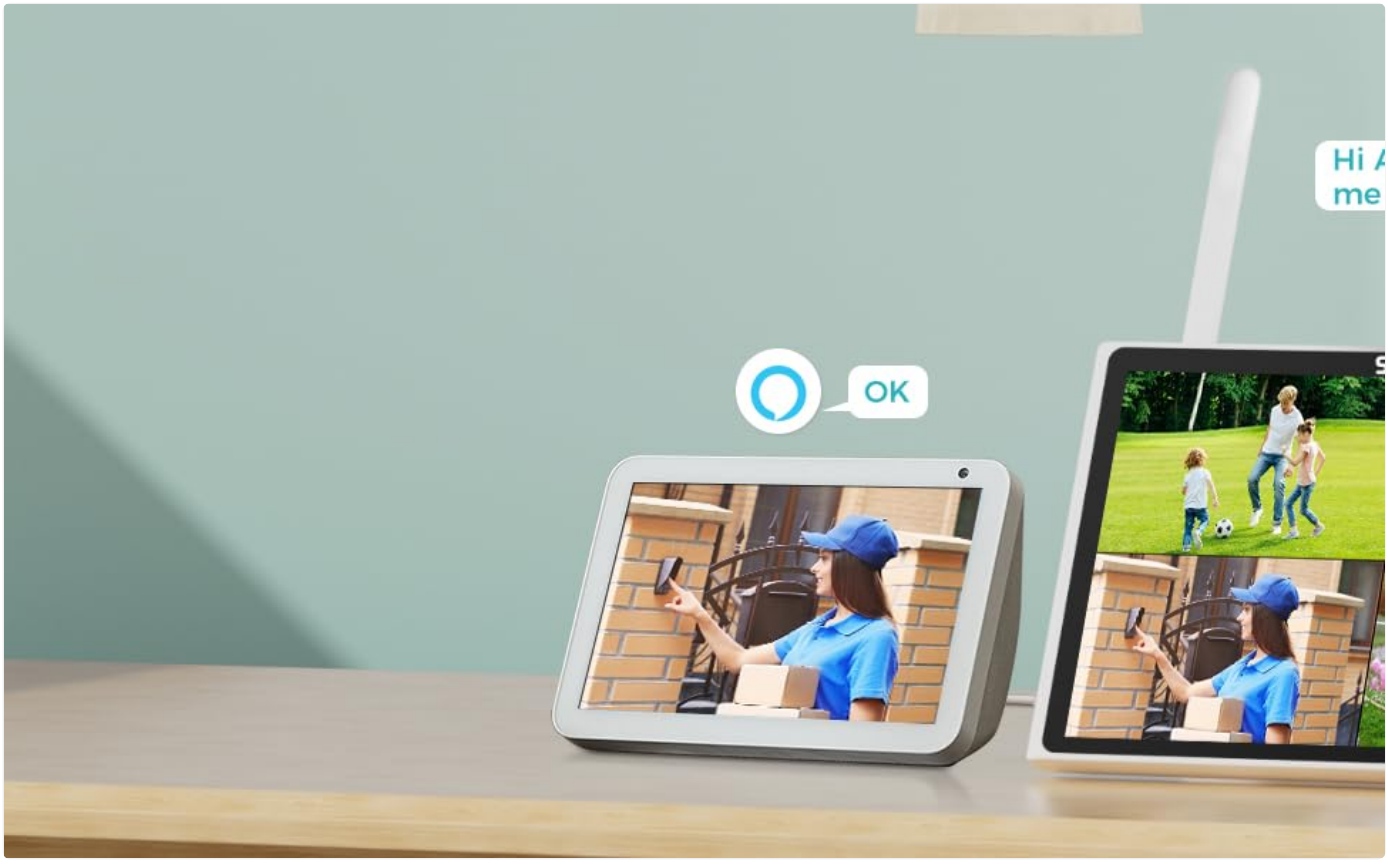


Figure 3.3: SOVMIKU NVR system integration with smart home devices.

4. Maintenance

4.1 Hard Drive Management

Regularly check the status of your installed hard drive through the NVR's system settings. Ensure there is sufficient space for continuous recording. Most NVRs are configured to overwrite the oldest footage automatically once the hard drive is full, but it is good practice to verify this setting.

4.2 Firmware Updates

Periodically check the SOVMIKU official website or contact customer support for available firmware updates. Keeping your NVR's firmware up-to-date ensures optimal performance, security, and access to new features.

4.3 Cleaning

Gently wipe the NVR's screen and casing with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials that could damage the surface.

5. Troubleshooting

5.1 NVR Not Powering On

- Verify that the power adapter is securely connected to both the NVR and a working power outlet.
- Ensure the power adapter meets the specified output requirements of 12V2A or 12V3A. Using an underpowered adapter (e.g., 12V1A) can prevent the NVR from starting, especially with a hard drive installed.

5.2 Cameras Not Connecting to NVR

- Confirm that the cameras are SOVMIKU wireless cameras, as this NVR is only compatible with SOVMIKU brand cameras (e.g., B09C1G318X).
- Follow the camera pairing steps outlined in Section 2.3 "Pairing New Cameras" carefully. Ensure the camera's reset button is pressed correctly and the NVR is in pairing mode.
- Check for any obstructions or excessive distance between the cameras and the NVR that might interfere with the wireless signal.

5.3 No Video Playback

- Verify that an internal hard drive is installed in the NVR. This NVR model does not come with a pre-installed hard drive.
- Ensure the installed hard drive is properly formatted and recognized by the NVR. Refer to the NVR's system settings for hard drive status.
- Check recording schedules and settings to ensure cameras are configured to record.

6. Specifications

Feature	Detail
Model	10 in Monitor NVR Without Hard Drive
Brand	SOVMIKU

Channels Supported	8 Channels
Max Camera Resolution	3.0 Megapixels (3MP), also supports 1080P
Hard Disk Support	Internal, up to 3TB capacity (HDD not included)
Power Supply Input	12V2A or 12V3A
Connectivity Technology	Wireless (for SOVMIKU cameras), Ethernet
Video Compression	H.265+ (for efficient storage)
Item Weight	1.74 pounds
Package Dimensions	12.48 x 11.02 x 2.32 inches

7. Warranty and Support

SOVMIKU is committed to providing high-quality security products. For warranty information, technical support, or any inquiries regarding your SOVMIKU NVR, please refer to the contact information provided in your product packaging or visit the official SOVMIKU website. Our team of engineers and support staff are available to assist you.
You can also visit the SOVMIKU store on Amazon for more product information and support resources:SOVMIKU Amazon Store.

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