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› HiSpyCam Mini Camera DIY Module S01 HD 1080P User Manual

HiSpyCam S01

HiSpyCam Mini Camera DIY Module S01 User Manual

Model: S01 | Brand: HiSpyCam

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your HiSpyCam Mini Camera DIY Module S01. This ultra-compact, HD 1080P wireless security camera is designed for discreet surveillance and monitoring in various indoor environments. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

The HiSpyCam Mini Camera DIY Module S01 is a versatile and compact surveillance solution. Its modular design allows for flexible placement and integration into various objects or environments.

Key Features:

- **Full HD 1080P Video:** Captures clear and detailed video footage.
- **90-Degree Viewing Angle:** Provides a wide field of view for comprehensive monitoring.
- **AI Motion Detection:** Advanced motion sensing for timely alerts and recording.
- **Remote Access:** View live footage and manage settings via a smartphone application.
- **Local Storage:** Supports Micro SD cards up to 256GB (not included) for secure video storage.
- **Compact DIY Design:** Ultra-small form factor for discreet placement.
- **Stable WiFi Connection:** Reliable wireless connectivity for remote monitoring.

Package Contents:

- HiSpyCam Mini Camera DIY Module S01
- Charging Cable

Component Identification:

Familiarize yourself with the camera's components:

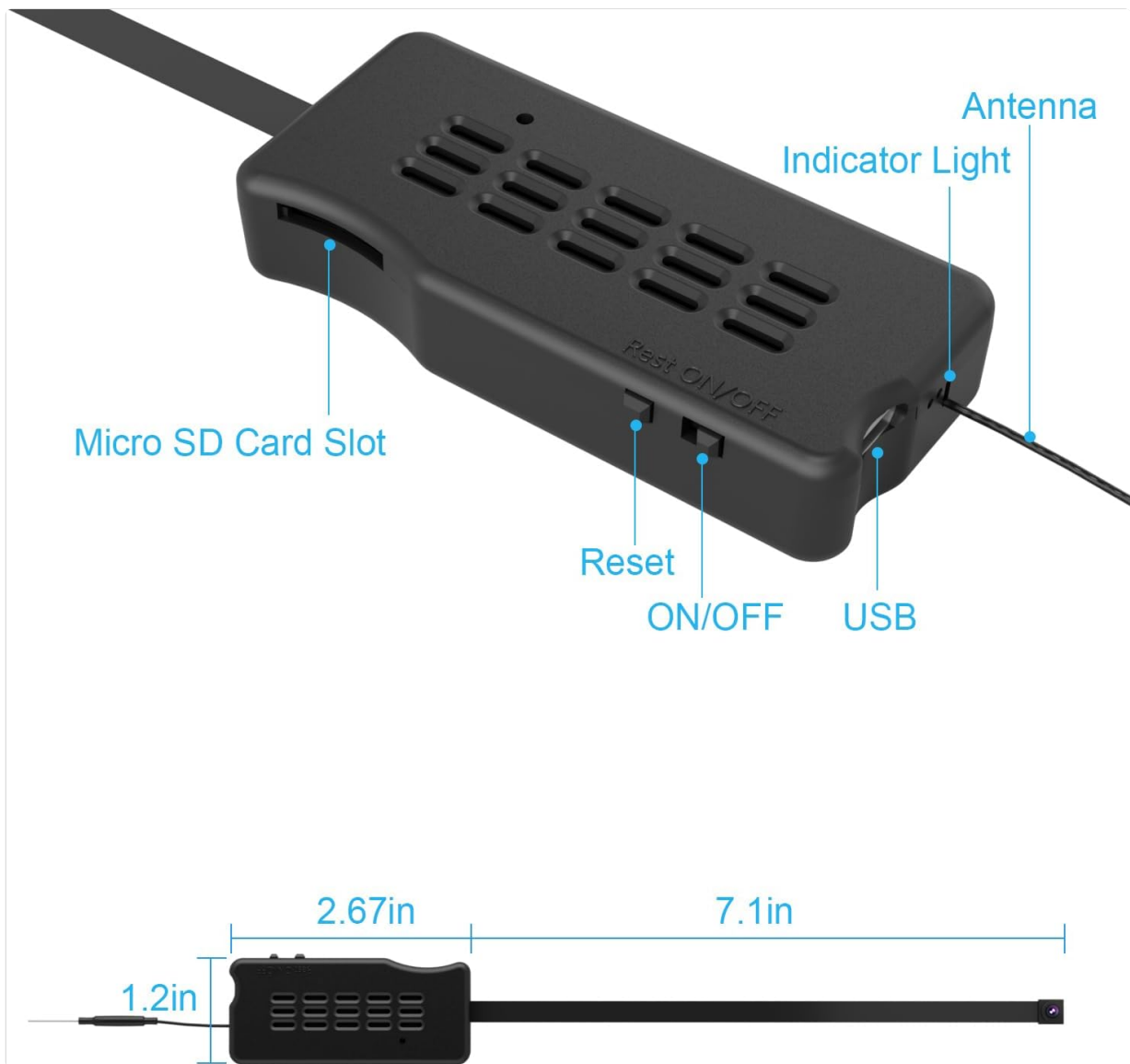


Image 2.1: Labeled components of the HiSpyCam Mini Camera DIY Module S01. This image highlights the Micro SD Card Slot, Reset button, ON/OFF switch, USB port, Indicator Light, and Antenna for easy identification.

- **Micro SD Card Slot:** Insert your Micro SD card here for local storage.
- **Reset Button:** Used to restore factory settings.
- **ON/OFF Switch:** Powers the camera on or off.
- **USB Port:** For charging the camera and connecting to a computer.
- **Indicator Light:** Displays the camera's status (e.g., power, recording, Wi-Fi connection).
- **Antenna:** For Wi-Fi connectivity.
- **Camera Lens:** The primary imaging component.



Image 2.2: The HiSpyCam Mini Camera DIY Module S01, showcasing its compact design with a flexible ribbon cable connecting the lens to the main module. A smartphone screen next to it illustrates the live video feed capability.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the camera using the provided USB cable. Connect the cable to the camera's USB port and a standard USB power adapter (not included). The indicator light will show charging status and turn off or change color when fully charged.

3.2 Micro SD Card Installation

Insert a Micro SD card (up to 256GB, Class 10 or higher recommended) into the Micro SD Card Slot with the gold contacts facing down. Ensure it clicks into place. The camera supports local storage even without an internet connection.

3.3 App Download and Installation

Search for the recommended companion application on your smartphone's app store (iOS or Android). Install the application and create an account if prompted.

3.4 Connecting the Camera

The camera offers three connection methods:

REMOTELY ACCESS YOUR CAMERA



Image 3.1: Visual representation of the three connection methods for the camera: direct SD card recording, AP mode for local Wi-Fi connection, and remote access via a home router.

1. Way 1: Plug & Play (No WiFi Network)

Insert a Micro SD card into the camera. Turn on the camera. It will automatically begin recording to the SD card. To view footage, remove the SD card and insert it into a computer or compatible device.

2. Way 2: AP Mode (No WiFi Network)

Turn on the camera. The camera will broadcast its own Wi-Fi hotspot. Connect your smartphone directly to this hotspot. Open the app to view live footage within the camera's Wi-Fi range. This mode does not require an external router or internet access.

3. Way 3: Remote Access (Requires WiFi Router)

Turn on the camera. Open the app and follow the in-app instructions to connect the camera to your home or office Wi-Fi network (2.4GHz only). Once connected, you can access the camera remotely from anywhere with an internet connection via the app.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Slide the ON/OFF switch to the 'ON' position to power on the camera. Slide it to 'OFF' to power off.

4.2 Recording Modes

- **Continuous Recording:** When an SD card is inserted and the camera is powered on, it will typically record continuously until the card is full. Older footage may be overwritten.

- **Motion-Activated Recording:** Enable this feature in the app. The camera will only record when motion is detected, saving storage space and battery life.
- **Timing Video:** Schedule specific times for the camera to record via the app settings.

4.3 Remote Viewing

Once connected via Way 3 (Remote Access), open the companion app on your smartphone. Select your camera from the device list to view live video feed, take snapshots, or initiate manual recordings.

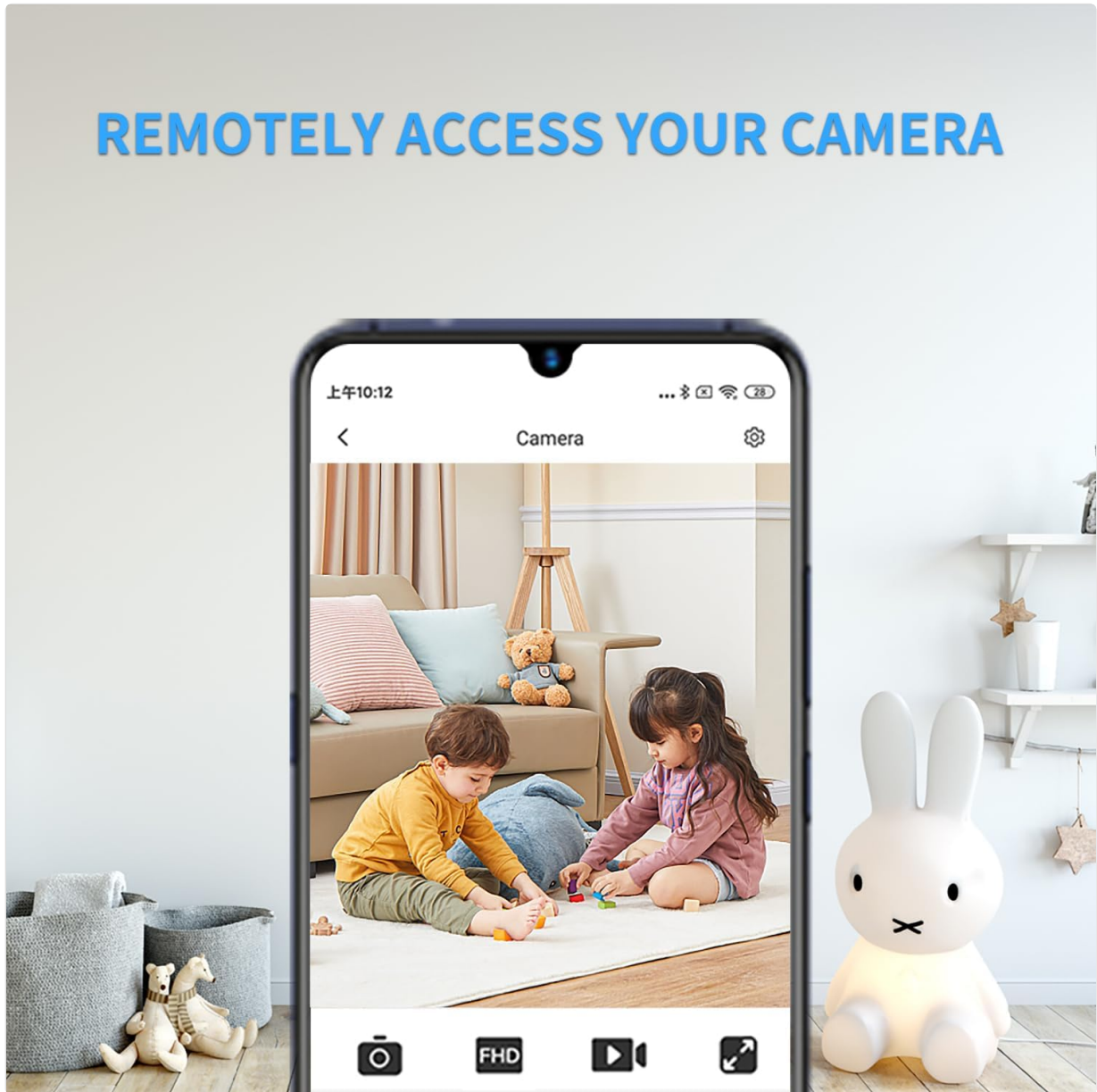


Image 4.1: A smartphone screen showing a live video feed from the camera, demonstrating the remote viewing capability. The scene depicts children playing, indicating its use for home monitoring.

HOME MONITORING ,OFFICE,STORE,HOTEL



Image 4.2: An image depicting a user accessing the camera remotely via a smartphone, showing a child in the camera's view. This highlights the convenience of monitoring from a distance.

4.4 Accessing Stored Footage

- **Via App:** In Remote Access mode, use the app's playback feature to review recordings stored on the Micro SD card.
- **Directly from SD Card:** Remove the Micro SD card from the camera and insert it into a computer or card reader to access video files directly.

5. MOTION DETECTION

The camera features advanced AI motion detection. When enabled, it will detect movement within its field of view and can trigger alerts to your smartphone and initiate recording.

3 WAYS OF CONNECTIONS

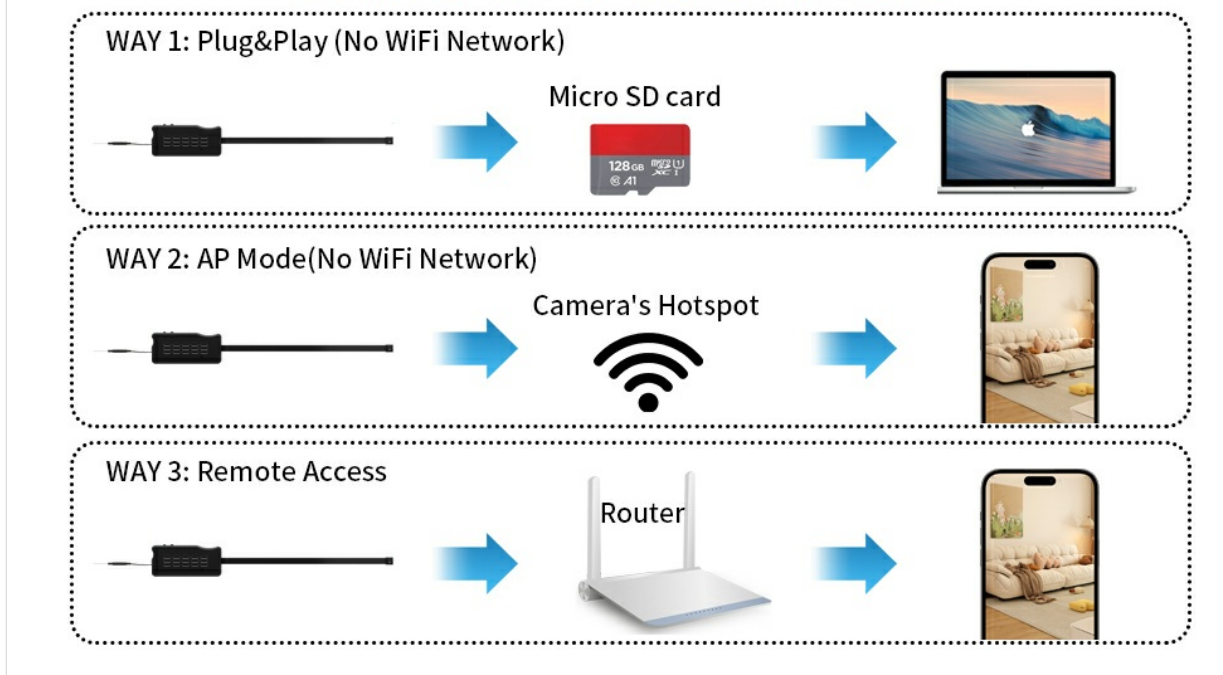


Image 5.1: Illustration of the smart motion detection feature. A person is shown triggering an alarm, which is simultaneously displayed as an alert on a smartphone, demonstrating the camera's security capabilities.

Enabling Motion Detection:

1. Ensure the camera is connected to your Wi-Fi network (Way 3).
2. Open the companion app and navigate to the camera settings.
3. Locate and enable the 'Motion Detection' or 'Alarm' feature.
4. Adjust sensitivity settings as needed.

6. STORAGE

The HiSpyCam Mini Camera DIY Module S01 supports local storage via a Micro SD card (not included). It can accommodate cards up to 256GB, providing ample space for recorded footage. This allows for continuous recording or motion-activated recording without relying on cloud services.

7. SPECIFICATIONS

Feature	Specification
Model Name	DIY Camera (S01)
Video Capture Resolution	1080p
Viewing Angle	90 Degrees
Connectivity Technology	Wireless (Wi-Fi)
Power Source	Battery Powered (1 Lithium Polymer battery included)
Compatible Devices	Smartphone

Controller Type	App
Indoor/Outdoor Usage	Indoor
Night Vision Range	15 Feet (B/W Night Vision)
Frame Rate	15-20 frames per second
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	1 x 1 x 1 inches
Item Weight	2.89 ounces (0.08 Kilograms)
Max SD Card Support	256GB (Not Included)
Alert Type	Motion Only
Effective Still Resolution	2 MP
Number of IR LEDs	5

8. TROUBLESHOOTING

- **Camera not powering on:** Ensure the battery is fully charged. Connect the camera to a power source and try again. Check the ON/OFF switch position.
- **Cannot connect to Wi-Fi:**
 - Ensure your Wi-Fi network is 2.4GHz. This camera does not support 5GHz networks.
 - Check your Wi-Fi password for accuracy.
 - Move the camera closer to the Wi-Fi router.
 - Reset the camera using the reset button and attempt connection again.
- **No recording to SD card:**
 - Ensure the Micro SD card is inserted correctly and fully.
 - Verify the SD card is not full. Format the card if necessary (this will erase all data).
 - Check if the SD card is damaged or incompatible. Try a different, high-quality Class 10 Micro SD card.
- **Poor video quality:**
 - Ensure the camera lens is clean and free from obstructions.
 - Check your internet connection speed if viewing remotely.
 - Ensure adequate lighting in the monitored area, especially for optimal daytime recording.
- **Motion detection not working:**
 - Verify motion detection is enabled in the app settings.
 - Adjust motion detection sensitivity.
 - Ensure the camera has a clear view of the area you wish to monitor.

9. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, store the camera in a cool, dry place.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge it regularly, even if not in active use.
- **Firmware Updates:** Periodically check the companion app for any available firmware updates to ensure optimal performance and security.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact HiSpyCam customer service directly. Keep your purchase receipt for warranty claims.