Sonew D3

Sonew Mini Security Camera D3 Instruction Manual

Model: D3

1. INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your Sonew Mini Security Camera D3. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize its lifespan. This camera is designed for surveillance applications, offering high-definition video and night vision capabilities in a compact form factor.

2. PRODUCT FEATURES

- **High Definition Video:** AHD camera with 2500TVL resolution (1280 x 960 pixels, 1.3MP) for clear image restoration.
- **Compact Design:** Mini styling allows for discreet placement and effective monitoring.
- **Night Vision:** Equipped with 6 infrared lamps for clear imaging even in low-light or dark conditions.
- **Easy Installation:** Designed for straightforward setup without the need for complex tools.
- **Audio Output:** Includes audio output functionality.
- **OSD Menu:** On-Screen Display menu for configuration.

3. PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- 1 x Sonew Mini Security Camera D3
- 1 x Instruction Manual (this document)

Image: The Sonew Mini Security Camera D3, showing its compact camera head and integrated cable with yellow BNC video connector, and red/white RCA audio/power connectors.

4. SPECIFICATIONS

Model	D3
Sensor	OV9762
Horizontal Resolution	2500TVL
Resolution	1280 x 960 (1.3MP)
Infrared Lamps	6 pcs
Lens	3.6mm
Minimum Illumination	0 LUX (IR ON)
Video Format	PAL/NTSC
SNR	≥48dB
Audio Output	Yes
Image Output	1.2Vp-p 75Ω AHD
OSD	Yes

Input Voltage	DC 5V-12V
Operating Temperature	-30°C to +50°C (-22°F to +122°F)
Size	Approx. 8 x 30mm (0.3 x 1.2in)
Item Weight	0.04 Kilograms (1.41 ounces)
Connectivity Technology	Wired (AHD)
Mounting Type	Wall Mount (versatile due to mini size)

5. SETUP

The Sonew Mini Security Camera D3 is designed for simple installation. Follow these steps to set up your camera:

1. **Identify Components:** Unpack the camera and identify the camera unit, the integrated cable, and the BNC/RCA connectors.

2. **Power Connection:** Connect the red RCA connector (typically for power) to a compatible DC 5V-12V power supply. Ensure the power supply meets the camera's voltage requirements.

3. **Video Connection:** Connect the yellow BNC connector to the video input of your AHD DVR (Digital Video Recorder) or monitor. This camera uses AHD (Analog High Definition) technology.

4. **Audio Connection (Optional):** If audio monitoring is desired, connect the white RCA connector to the audio input of your DVR or recording device.

5. **Mounting:** Position the camera in the desired surveillance area. Due to its mini size, it can be discreetly placed. While specifications mention "Wall Mount", its compact nature allows for versatile placement. Secure the camera in place to prevent movement.

6. **Power On:** Once all connections are secure, power on your DVR/monitor and the camera's power supply.

- AHD camera, 2500TVL resolution, high definition.
- Easy to install, no need of complicated tools, convenient for using.

Image: The Sonew Mini Security Camera D3, illustrating its compact size and the BNC/RCA connectors for video, audio, and power, emphasizing its AHD capability and ease of installation.

Image: The Sonew Mini Security Camera D3 positioned in an indoor living room setting, demonstrating its potential for discreet surveillance.
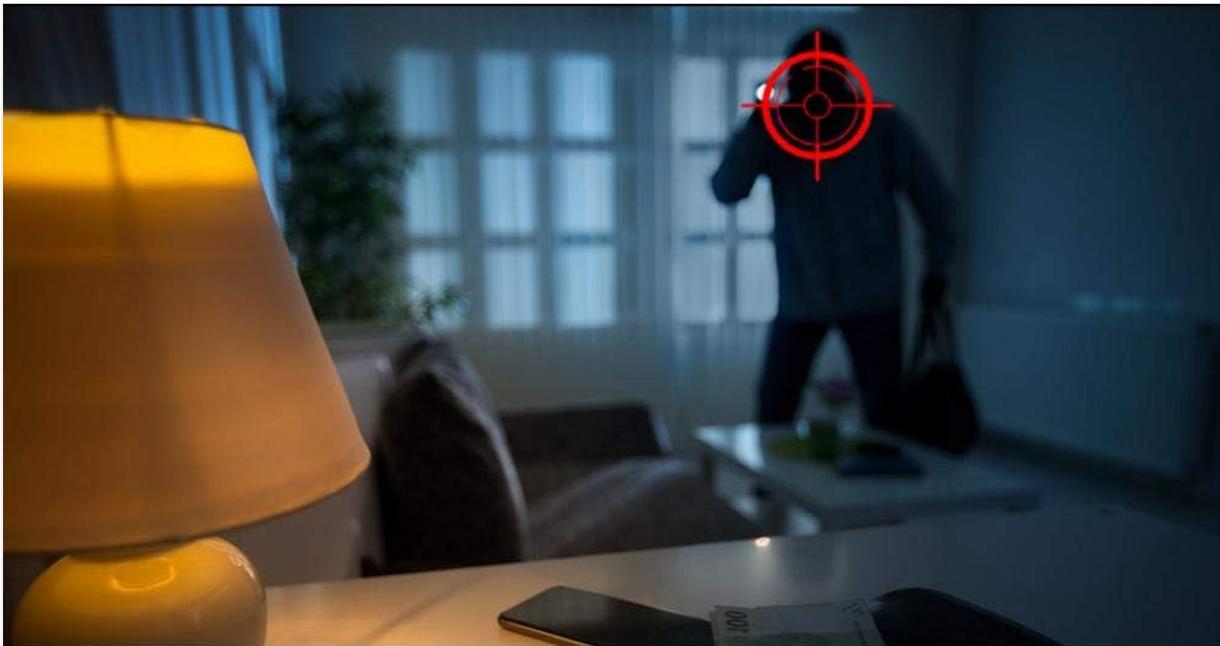
6. OPERATION

After successful setup, the camera will begin to transmit video and audio (if connected) to your DVR or monitor.

- **Viewing Footage:** Access the live feed and recorded footage through your connected DVR system or monitor. Refer to your DVR's manual for specific instructions on viewing and recording.

- **Night Vision:** The camera automatically activates its 6 infrared lamps in low-light conditions, providing clear black and white video footage during the night.

- **OSD Menu:** The camera features an On-Screen Display (OSD) menu for advanced settings. This menu is typically accessed via a controller on the video cable or through your DVR's interface, depending on your setup. Consult your DVR's manual or the camera's specific OSD controller instructions for navigation and adjustment options.

6pcs infrared lamp, with night vision function, provides clear picture even at dark night.

Image: A split image illustrating the Sonew Mini Security Camera D3's night vision functionality, showing a clear view of a house at night compared to a daytime view.

Image: The Sonew Mini Security Camera D3 shown in a simulated surveillance scenario, highlighting its compact form factor for discreet monitoring.

7. Maintenance

To ensure optimal performance and longevity of your Sonew Mini Security Camera D3, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials, as these can damage the lens or casing.

- **Cable Inspection:** Periodically check the cables for any signs of wear, damage, or loose connections. Ensure all connections remain secure.

- **Environmental Conditions:** Ensure the camera is operating within its specified temperature range (-30°C to +50°C). While the camera is designed for indoor use, avoid extreme humidity or direct exposure to water.

- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates for your camera model. Follow the provided instructions carefully if an update is available.

8. Troubleshooting

If you encounter issues with your Sonew Mini Security Camera D3, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
No video signal / Blue screen	o Loose video cable connection. o Incorrect power supply. o Incompatible DVR/monitor (not AHD compatible). o Camera malfunction.	o Ensure the yellow BNC connector is securely attached to the DVR/monitor. o Verify the power supply is providing DC 5V-12V and is correctly connected to the red RCA connector. o Confirm your DVR or monitor supports AHD (Analog High Definition) input. o Test the camera with a known working AHD input device and power supply.
Poor image quality / Blurry video	o Dirty camera lens. o Insufficient lighting (if night vision is not active). o Incorrect video settings on DVR.	o Clean the camera lens with a soft, dry cloth. o Ensure adequate lighting or verify night vision is functioning correctly in dark conditions. o Check DVR settings for resolution and video format compatibility.
Night vision not working	o Infrared lamps malfunction. o Insufficient power.	o Ensure the camera is receiving stable power. o Contact support if infrared lamps do not activate in dark conditions.
No audio	o Loose audio cable connection. o DVR audio input issue.	o Ensure the white RCA connector is securely attached to the DVR's audio input. o Verify DVR audio settings and volume levels.

9. WARRANTY AND SUPPORT

Sonew is committed to providing quality products and customer satisfaction. While specific warranty details are not provided in this manual, if you encounter any issues or have questions regarding your Sonew Mini Security Camera D3, please contact the seller or Sonew customer support directly. They will provide assistance and satisfactory solutions.

For further assistance, please refer to the contact information provided with your purchase or visit the official Sonew website.