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› Vanxse CCTV Mini Bullet Security Camera (Model MB18) Instruction Manual

## Vanxse MB18

# Vanxse CCTV Mini Bullet Security Camera (Model MB18) Instruction Manual

Model: MB18

## 1. INTRODUCTION

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This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your Vanxse CCTV Mini Bullet Security Camera, Model MB18. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

## 2. PRODUCT OVERVIEW

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The Vanxse MB18 is a compact analog security camera designed for indoor surveillance. It features a 1/3 CCD sensor, 1000TVL resolution, and a 3.6mm wide-angle lens, providing clear images during the day. Its metal housing and included bracket allow for versatile mounting.

### Key Features:

- 1/3 CCD 1000TVL HD Mini Bullet Camera
- Built-in 3.6mm wide angle lens
- Durable metal case with wall mount bracket
- NTSC Video Format for broad compatibility
- High sensitivity for clear images in various lighting conditions
- Analog output for direct connection to DVRs or CCTV monitors

### Package Contents:

- Vanxse CCTV Mini Bullet Security Camera (MB18)
- Wall Mount Bracket
- Mounting Screws and Wall Plugs



Image 2.1: Vanxse Mini Bullet Camera with included mounting hardware (screws and wall plugs).



Image 2.2: Overview of the Vanxse Mini Bullet Camera, highlighting its metal housing, 3.6mm wide lens, DC12V power input, and BNC video output. Dimensions are approximately 75mm length and 20mm diameter for the camera body, with a 50mm height including the bracket.

### 3. SETUP INSTRUCTIONS

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Follow these steps to properly set up your Vanxse Mini Bullet Security Camera.

#### 3.1 Mounting the Camera

1. **Select a Location:** Choose an indoor location that provides the desired viewing angle and is within reach of power and video cables. Ensure the surface is stable enough to support the camera.
2. **Mark Drill Holes:** Position the wall mount bracket against the chosen surface and mark the locations for drilling.
3. **Drill Holes:** Use an appropriate drill bit to create holes at the marked locations. Insert the provided wall plugs if mounting into drywall or masonry.
4. **Secure Bracket:** Attach the wall mount bracket to the surface using the provided screws.
5. **Attach Camera:** Secure the camera to the bracket. Adjust the camera angle as needed and tighten the locking mechanism on the bracket to fix its position.



Image 3.1: The Vanxse Mini Bullet Camera securely mounted on its adjustable bracket, ready for connection.

### 3.2 Connecting the Camera

The camera requires a 12V DC power supply (not included) and connects via BNC for video output.

1. **Connect Power:** Connect a 12V DC power adapter (not included) to the red power input cable of the camera.
2. **Connect Video:** Connect the yellow BNC video output cable from the camera to your Digital Video Recorder (DVR) or CCTV monitor. Ensure a secure connection.
3. **Power On:** Plug in the 12V DC power adapter to an electrical outlet. The camera will power on automatically.
4. **Verify Signal:** Check your DVR or monitor for the camera's video feed. If no signal is displayed, refer to the Troubleshooting section.



Image 3.2: Connection diagram illustrating how to connect the camera's BNC and DC cables to an extension cable, which then connects to a monitor's BNC input and a power adapter.

### 3.3 Setup Demonstration Video

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Video 3.1: A demonstration of unboxing, assembling the camera with its bracket, and connecting it to a monitor to display the video feed. This video illustrates the physical setup and initial connection process.

## 4. OPERATING INSTRUCTIONS

The Vanxse MB18 camera operates continuously once powered on. Its primary function is to capture and transmit video footage to a connected DVR or monitor.

### 4.1 Continuous Surveillance

Once connected and powered, the camera will continuously capture video. The footage will be displayed on your connected monitor or recorded by your DVR, depending on your system configuration.

### 4.2 Day and Night Operation

The camera is designed to provide clear color images during the day. While it has high sensitivity for low-light conditions, it does not feature infrared (IR) night vision. For optimal night surveillance, ensure adequate external lighting in the monitored area.



Image 4.1: An illustration depicting the camera's view during daytime (clear image) and nighttime (requiring external light for visibility).

### 4.3 Motion Detection (with compatible DVR)

If connected to a DVR with motion detection capabilities, you can configure the DVR to record only when motion is detected. Refer to your DVR's manual for specific settings.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your security camera.

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth to remove dust and smudges. Avoid abrasive cleaners or solvents.
- **Cable Inspection:** Periodically check all cables and connections for wear, damage, or loose fittings. Ensure connections remain secure.
- **Mounting Stability:** Verify that the camera's mounting bracket is still securely fastened and the camera's position has not shifted.
- **Environmental Protection:** Although the camera has a metal housing, it is primarily designed for indoor use. Protect it from direct exposure to harsh weather conditions, extreme temperatures, and excessive moisture.

## 6. TROUBLESHOOTING

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If you encounter issues with your camera, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No video signal on monitor/DVR	<ul style="list-style-type: none"> <li>Loose or incorrect cable connections</li> <li>No power to the camera</li> <li>Incompatible video format</li> <li>Faulty camera or cable</li> </ul>	<ul style="list-style-type: none"> <li>Check all BNC and power connections. Ensure they are secure.</li> <li>Verify the 12V DC power adapter is plugged in and functioning.</li> <li>Confirm your DVR/monitor supports NTSC video format.</li> <li>Test with a different cable or power adapter if available.</li> </ul>
Blurry or unclear image	<ul style="list-style-type: none"> <li>Dirty lens</li> <li>Insufficient lighting (especially at night)</li> <li>Camera out of focus (unlikely for fixed lens)</li> <li>Interference</li> </ul>	<ul style="list-style-type: none"> <li>Clean the camera lens with a soft cloth.</li> <li>Ensure adequate lighting in the monitored area, particularly during low-light conditions.</li> <li>Check for strong electromagnetic interference near the camera or cables.</li> </ul>
Camera not powering on	<ul style="list-style-type: none"> <li>No power supply connected</li> <li>Faulty power adapter</li> <li>Power outlet issue</li> </ul>	<ul style="list-style-type: none"> <li>Ensure the 12V DC power adapter is correctly connected to the camera and a working power outlet.</li> <li>Test the power adapter with another device or use a different 12V DC adapter.</li> </ul>

## 7. SPECIFICATIONS

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Detailed technical specifications for the Vanxse CCTV Mini Bullet Security Camera, Model MB18.

Feature	Specification
Model Number	MB18
Image Sensor	1/3 CCD
Resolution	1000TVL (NTSC: 976(H)x494(V))
Lens	3.6mm Wide Angle
Video Format	NTSC
Connectivity Technology	CCTV (Analog)
Power Source	AC/DC (12 Volts)
Wattage	6 watts
Material	Metal
Mounting Type	Wall Mount
Indoor/Outdoor Usage	Indoor (IP54 rating suggests limited outdoor protection, but product description emphasizes indoor)
Item Weight	4.6 ounces
Package Dimensions	4.06 x 3.03 x 2.13 inches
UPC	704256526269

## 8. WARRANTY AND SUPPORT

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For warranty information and technical support, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

You can visit the official Vanxse store for more information and products: [Vanxse Store](#)

