

Samsung SDC-9441BC

Samsung SDC-9441BC 1080P Bullet Camera Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Samsung SDC-9441BC 1080P Full HD Bullet Surveillance Camera. The SDC-9441BC camera is designed to deliver clear, vibrant 1080p Full HD images for continuous surveillance. It is compatible with Samsung DVR systems such as SDH-C75100, SDH-C75080, and SDH-C74040.

2. PRODUCT OVERVIEW

The Samsung SDC-9441BC is an outdoor-rated bullet-style surveillance camera featuring 1080p Full HD video capture resolution. It includes advanced video-enhancing technologies for clear images day and night, with a night vision range of up to 60 feet. The camera is designed for wall mounting and offers motion-only alert capabilities when connected to a compatible DVR system.



Figure 2.1: Samsung SDC-9441BC 1080P Bullet Camera. This image shows the white bullet-shaped camera with a dark lens housing and the Samsung logo.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of your SDC-9441BC camera:

1. **Unpack Components:** Carefully remove the camera and included 60ft cables from the packaging.
2. **Select Mounting Location:** Choose a suitable outdoor location for wall mounting. Ensure the camera has a clear field of view and is protected from direct impact. The camera has an IP54 international protection rating, suitable for outdoor use.
3. **Mount the Camera:** Securely attach the camera to the wall using appropriate screws and anchors (not always included, check package contents). Adjust the camera angle for optimal coverage.
4. **Connect Cables:** Connect the provided 60ft cable to the camera's video output and power input ports. The other end of the cable connects to your compatible Samsung DVR (SDH-C75100, SDH-C75080, or SDH-C74040) and a power source. Ensure all connections are secure.
5. **Power On System:** Once all cameras are connected, power on your DVR system. The camera feed should appear on your monitor.



Figure 3.1: Included 60ft Camera Cables. This image displays a coiled white cable with BNC and power connectors at the ends, along with a BNC coupler.

4. OPERATING INSTRUCTIONS

The SDC-9441BC camera operates in conjunction with a compatible Samsung DVR system. Refer to your DVR's instruction manual for detailed operating procedures. Key operational aspects include:

- **Live View:** Access the live video feed from the camera through your DVR's interface.
- **Recording:** Configure continuous recording, scheduled recording, or motion-activated recording via your DVR settings. The camera supports motion-only alerts.
- **Playback:** Review recorded footage stored on your DVR.
- **Night Vision:** The camera automatically switches to infrared night vision in low-light conditions, providing clear black and white images up to 60 feet.
- **Remote Access:** If your DVR system supports it, you can view camera feeds remotely via a mobile app or web interface. The camera's remote control capability is managed through the DVR.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your surveillance camera:

- **Cleaning the Lens:** Gently wipe the camera lens with a soft, clean, lint-free cloth. For stubborn dirt, use a lens cleaning solution specifically designed for optical surfaces. Avoid abrasive materials or harsh chemicals.
- **Cleaning the Housing:** Wipe the camera's exterior housing with a damp cloth. Do not use strong detergents or solvents.
- **Check Connections:** Periodically inspect all cable connections for corrosion, damage, or looseness. Ensure they are securely fastened to prevent signal loss or power interruptions.
- **Environmental Checks:** Ensure no obstructions are blocking the camera's view and that the mounting remains secure, especially after severe weather conditions.

6. TROUBLESHOOTING

If you encounter issues with your SDC-9441BC camera, refer to the following common problems and solutions:

- **No Image on Monitor:**
 - Verify the camera is receiving power.
 - Check all video cable connections between the camera and the DVR.
 - Ensure the correct input channel is selected on your DVR.
- **Poor Image Quality (Fuzzy, Double Picture):**
 - Inspect video cables for damage or kinks. Replace if necessary.
 - Ensure connections are tight and free from corrosion.
 - Clean the camera lens as described in the Maintenance section.
 - Check for electromagnetic interference from other electronic devices.
- **Incorrect Colors (e.g., Pink/Purple Tint):**
 - This can indicate a problem with the camera's image sensor or video signal.
 - First, check all cable connections.
 - If the issue persists, the camera may require service or replacement. Refer to the Warranty Information section.
- **Night Vision Not Working:**
 - Ensure there is sufficient darkness for the IR illuminators to activate.
 - Check for any physical obstructions blocking the IR LEDs.
 - Verify power supply to the camera.

7. SPECIFICATIONS

Feature	Specification
Model Number	SDC-9441BC
Video Capture Resolution	1080p Full HD
Effective Video Resolution	1080 Pixels
Night Vision Range	60 Feet
Indoor/Outdoor Usage	Outdoor
International Protection Rating	IP54
Form Factor	Bullet
Mounting Type	Wall Mount
Connectivity Technology	Wired (Analog)
Special Feature	HD Resolution
Alert Type	Motion Only (via DVR)

Item Dimensions (L x W x H)	4 x 7 x 10 inches
Item Weight	3.54 pounds
Power Source	AC/DC

8. WARRANTY INFORMATION

Samsung products are typically covered by a manufacturer's warranty. The duration and terms of the warranty may vary. It is crucial to retain your proof of purchase (receipt or invoice) as it may be required for warranty claims.

Important Note: Some warranty policies may base coverage on the product's manufacturing date rather than the purchase date. Always verify the specific terms and conditions of your warranty with Samsung or your retailer at the time of purchase. If you experience issues, contact Samsung customer support with your product model number and purchase details.

9. SUPPORT

For further assistance, technical support, or to inquire about service, please contact Samsung customer support. You can typically find contact information on the official Samsung website or within the documentation provided with your DVR system.

When contacting support, please have the following information ready:

- Product Model Number: SDC-9441BC
- Description of the issue
- Date of purchase