

Samsung SDH-B74041

Samsung SDH-B74041 8-Channel 1080p HD Security Camera System User Manual

Model: SDH-B74041

1. PRODUCT OVERVIEW

The Samsung SDH-B74041 is an 8-channel Full HD video security system designed to monitor residential or commercial properties. This system includes an 8-channel Digital Video Recorder (DVR) with a 1TB hard drive and four 1080p Full HD BNC bullet cameras (SDC-9443BC).

Key features of this system include:

- **1080p Full HD Resolution:** Provides clear and detailed video surveillance.
- **8-Channel DVR with 1TB HDD:** Allows for extensive video storage and monitoring of up to 8 cameras.
- **Weather-Resistant Cameras (IP66):** Designed for both indoor and outdoor use, capable of withstanding extreme temperatures from -22°F to 122°F (-30°C to 50°C).
- **Night Vision:** Cameras provide night vision up to 130ft in ambient lighting and 82ft in complete darkness.
- **105° Wide Angle View:** Offers broad coverage for each camera.
- **Motion Zone and Event Detection:** Customizable motion detection areas and alerts for motion, tampering, or video loss.
- **Remote Viewing:** Access live and recorded video from anywhere using the free Samsung WiseView application on smartphones, tablets, PCs, or Macs.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- Samsung 8-Channel DVR (SDH-B74041)
- 4 x 1080p Full HD BNC Bullet Cameras (SDC-9443BC)
- Power Adapter for DVR
- Power Adapters for Cameras
- BNC Cables for Camera Connection
- USB Mouse

- HDMI Cable
- Ethernet (Cat 5E) Cable
- Mounting Screws and Hardware

3. SETUP GUIDE

3.1. DVR Connections

Before powering on the DVR, connect all necessary peripherals.



This image displays the rear panel of the DVR, highlighting connection points for audio input/output, video input (BNC), HDMI and VGA monitor outputs, network (Ethernet), and power adapter. A USB port for mouse and backup is also visible.

1. **Connect Cameras:** Attach the BNC cables from each camera to the corresponding Video Input ports on the back of the DVR.
2. **Connect Monitor:** Use the provided HDMI cable to connect the DVR to a monitor or TV. Alternatively, a VGA cable can be used.
3. **Connect Mouse:** Plug the USB mouse into one of the USB ports on the DVR.
4. **Connect Network (Optional):** For remote viewing, connect an Ethernet cable from the DVR's network port to your router.

5. **Connect Power:** Plug the DVR power adapter into the DVR's power input and then into an electrical outlet. The DVR will power on automatically.

3.2. Camera Installation

Mount the bullet cameras in desired locations, ensuring optimal viewing angles and coverage.



This image illustrates the physical characteristics of the SDC-9443BC bullet cameras, including their dimensions and key features such as 1080p Full HD resolution, 105° wide-angle viewing, weather resistance, true day & night functionality, night vision, and motion zone detection.

1. **Choose Location:** Select a mounting location that provides a clear view of the area you wish to monitor and is within reach of the BNC cable.
2. **Mount Cameras:** Use the provided screws and hardware to securely mount each camera. Adjust the camera's angle for optimal coverage.
3. **Connect Power:** Connect the camera power adapters to the cameras and then to electrical outlets.

4. OPERATING INSTRUCTIONS

4.1. Initial Setup and Configuration

Upon first power-on, the DVR will guide you through an initial setup wizard.

1. **Create Password:** Set a strong password for administrator access. This is required for accessing menus and settings.
2. **Date and Time:** Configure the correct date, time, and time zone.
3. **Network Settings:** If connected to a network, confirm network settings (DHCP is usually sufficient).
4. **Hard Drive Initialization:** The 1TB hard drive may require initialization before recording can begin. Follow on-screen prompts.

4.2. Live View and Playback

- **Live View:** After initial setup, the DVR will display live feeds from all connected cameras on the monitor. Use the USB mouse to navigate the on-screen interface.
- **Playback:** To review recorded footage, access the 'Playback' menu. You can search by date, time, and event type.

4.3. Motion Detection and Event Alerts

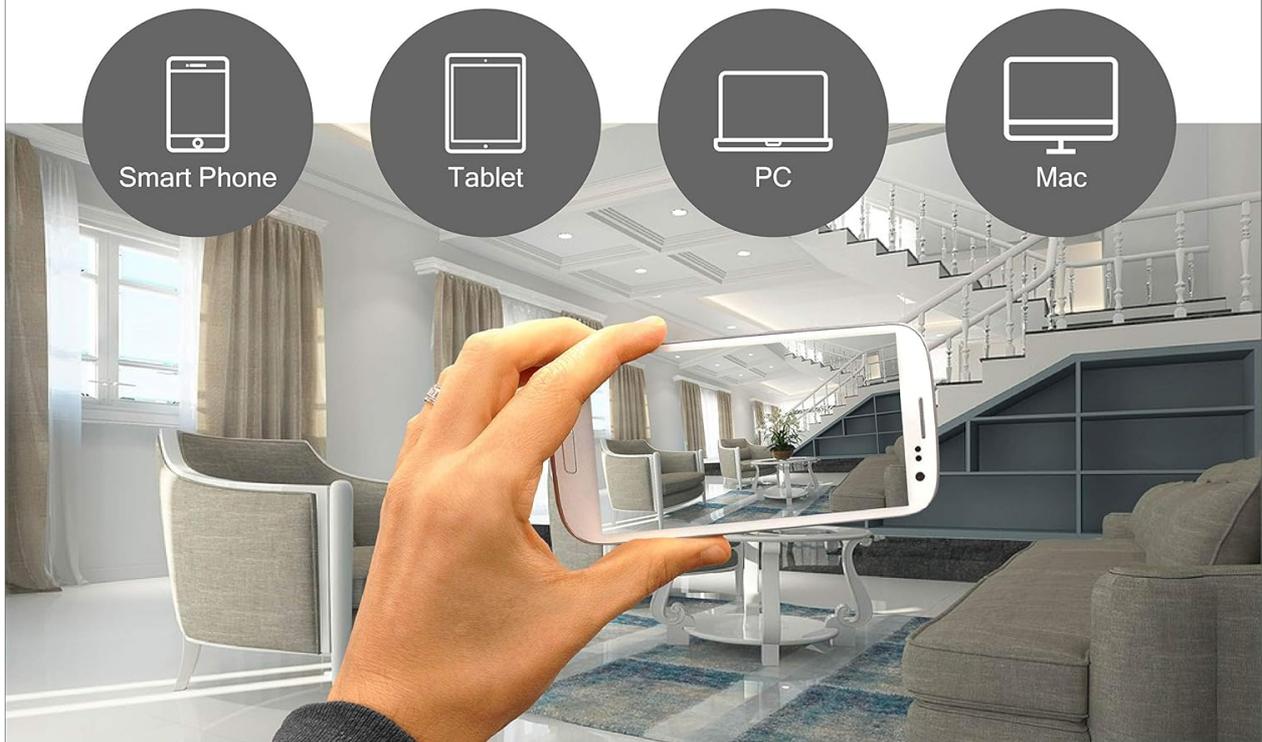
- **Configure Motion Zones:** In the DVR settings, define specific areas within each camera's view for motion detection. This helps reduce false alarms.
- **Set Up Alerts:** Configure the system to send email notifications when motion, camera tampering, or video loss events are detected.

4.4. Remote Viewing

Access your security system remotely using the Samsung WiseView application.

REMOTE ACCESS ANYWHERE ANYTIME

Watch live monitoring videos, record and play back on your apple, computer and other mobile devices in HD anytime anywhere via our free app.



This image demonstrates the capability of the system to be accessed remotely from various devices, including smartphones, tablets, personal computers, and Mac computers, through a dedicated application.

1. **Download WiseView App:** Download and install the free Samsung WiseView application on your smartphone, tablet, PC, or Mac.
2. **Register Account:** Create an account within the WiseView application.
3. **Add DVR:** Follow the app's instructions to add your DVR to your account, typically by scanning a QR code displayed on the DVR's monitor or manually entering its serial number.
4. **View Footage:** Once connected, you can view live feeds, play back recorded video, and receive alerts directly on your device.

5. MAINTENANCE

- **Regular Cleaning:** Periodically clean camera lenses and the DVR unit to prevent dust buildup. Use a soft, dry cloth.
- **Check Connections:** Ensure all cables (BNC, power, network) are securely connected to prevent signal loss.
- **Hard Drive Health:** The DVR's menu typically includes an option to check the health of the 1TB hard drive. Monitor this periodically.

- **Firmware Updates:** Check the Samsung support website for any available firmware updates for your DVR model to ensure optimal performance and security.

6. TROUBLESHOOTING

6.1. No Video Display

- **Check Power:** Ensure the DVR and monitor are powered on and their power adapters are securely connected.
- **Verify Cables:** Confirm that the HDMI or VGA cable is properly connected between the DVR and the monitor.
- **Camera Connections:** Check BNC cable connections for each camera. Ensure cameras are receiving power.

6.2. Recording Issues

- **Hard Drive Status:** Check the DVR's system information to ensure the 1TB hard drive is detected and functioning correctly. Re-initialize if necessary (this will erase all data).
- **Recording Schedule:** Verify that the recording schedule is properly configured in the DVR settings.

6.3. Remote Viewing Problems

- **Network Connection:** Ensure the DVR is connected to your router via an Ethernet cable and has internet access.
- **App Login:** Confirm you are logged into the Samsung WiseView app with the correct credentials.
- **Firewall/Router Settings:** Your router's firewall or network settings might be blocking the connection. Consult your router's manual or ISP for assistance with port forwarding if required.

For more detailed troubleshooting, refer to the comprehensive PDF manual available on the Samsung support website.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Samsung
Model Number	SDH-B74041
Connectivity Technology	Wired
Video Capture Resolution	1080p Full HD
Special Feature	Night Vision
Number of Channels	8
Memory Storage Capacity	1 TB (Hard Drive)
Color	Black
Power Source	Corded Electric

Feature	Specification
Item Dimensions (L x W x H)	18 x 14 x 12 inches
Operating System (for app compatibility)	Android (and iOS, Windows, macOS via WiseView)
Compatible Devices	Cameras, Laptops, Personal Computers, Smartphones, Tablets
Low Light Technology	Night color
Item Weight	23 pounds

8. WARRANTY AND SUPPORT

8.1. Warranty Information

For renewed products, a typical warranty period is 90 days from the date of purchase. Please refer to your purchase documentation or contact your retailer for specific warranty terms applicable to your product.

8.2. Technical Support

For technical assistance, installation guidance, or troubleshooting beyond the scope of this manual, please contact Samsung customer support. Refer to the official Samsung website or the documentation included with your product for the most current contact information, including toll-free support numbers.