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› Mace MVR-SQ80 8-Channel 500GB Surveillance DVR User Manual

## Mace MVR-SQ80

# Mace MVR-SQ80 8-Channel 500GB Surveillance DVR User Manual

Model: MVR-SQ80 | Brand: Mace

## 1. INTRODUCTION

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The Mace MVR-SQ80 is an 8-channel 500GB Surveillance Digital Video Recorder (DVR) designed for comprehensive security monitoring. It features H.264 video compression for efficient storage and smooth real-time recording and playback across all channels. This DVR supports dual encoding for optimized network video transmission to smartphones, enabling remote viewing. It offers flexible recording options, intelligent motion detection, and remote access capabilities via web browsers and various smartphone platforms.

## 2. SAFETY INFORMATION

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- Ensure the DVR is installed in a well-ventilated area to prevent overheating.
- Use only the power adapter supplied with the unit.
- Avoid exposing the DVR to moisture, dust, or extreme temperatures.
- Do not open the DVR casing; refer all servicing to qualified personnel.
- Position cables securely to prevent tripping hazards or accidental disconnections.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Mace MVR-SQ80 DVR Unit
- Power Adapter
- USB Mouse
- Remote Control (with batteries)
- User Manual (this document)
- Software CD (if applicable)

## 4. SETUP

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### 4.1 Physical Connections

1. **Connect Cameras:** Attach your surveillance cameras to the BNC video input ports on the rear panel of the DVR. The MVR-SQ80 supports up to 8 cameras.
2. **Connect Monitor:** Connect a monitor to the DVR's video output port (VGA or HDMI, if available) to view the live feed and access the menu.
3. **Connect Network:** For remote access and network features, connect an Ethernet cable from the DVR's LAN port to your router or network switch.
4. **Connect USB Mouse:** Plug the USB mouse into one of the USB ports on the DVR for easy navigation of the on-screen menu.
5. **Connect Power:** Plug the power adapter into the DVR's power input, then connect it to a power outlet. The DVR will power on automatically or require a press of the power button.

### 4.2 Initial Configuration

Upon first power-up, the DVR will guide you through an initial setup wizard. This typically includes setting the date and time, creating an administrator password, configuring network settings (DHCP recommended for most users), and formatting the hard drive if necessary. Follow the on-screen prompts carefully.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Live View

After setup, the DVR will display the live video feeds from all connected cameras on the monitor. You can typically switch between single-camera view, multi-camera grid views, and sequence modes using the mouse or remote control.

### 5.2 Recording

The MVR-SQ80 offers flexible recording options:

- **Continuous Recording:** Records 24/7 without interruption.
- **Scheduled Recording:** Set specific times and days for recording.
- **Motion Detection Recording:** Records only when motion is detected in the camera's field of view. Configure motion detection zones and sensitivity in the DVR menu.
- **Alarm Recording:** Records when an external alarm input is triggered.

Access the recording settings through the DVR's main menu to configure your preferred recording schedule and parameters.

### 5.3 Playback

To review recorded footage:

1. Navigate to the 'Playback' section in the DVR's main menu.
2. Select the desired date and time range.
3. Choose the camera channel(s) you wish to view.
4. Use the playback controls (play, pause, fast forward, rewind) to navigate through the footage.

### 5.4 Remote Access

The MVR-SQ80 supports remote viewing and management:

- **Web Browser:** Access the DVR via Internet Explorer or Firefox by entering its IP address into the browser's address bar. You may need to install a plugin for live viewing.
- **Smartphone Apps:** Download the dedicated Mace surveillance app for your smartphone platform (Windows Mobile, Symbian, Blackberry, iPhone, Android). Configure the app with the DVR's network details for remote viewing. Dual encoding optimizes video for mobile transmission.
- **Email Notifications:** Set up email alerts for user-selectable alarm events, providing mobile surveillance notifications.

## 5.5 PTZ Control

For compatible Mace speed dome cameras, the DVR allows on-screen PTZ (Pan, Tilt, Zoom) control directly from the interface, eliminating the need for an additional PTZ controller.

## 6. MAINTENANCE

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- **Regular Cleaning:** Keep the DVR unit clean and free of dust. Use a soft, dry cloth.
- **Hard Drive Management:** Periodically check the hard drive status in the DVR menu. Ensure there is sufficient space for recordings. The DVR will typically overwrite the oldest footage when the drive is full.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates to ensure optimal performance and security. Follow update instructions carefully.
- **Password Security:** Regularly change your DVR's administrator password to maintain security.

## 7. TROUBLESHOOTING

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- **No Video Display:** Check power connections to the DVR and monitor. Ensure video cables from cameras to DVR and DVR to monitor are securely connected. Verify correct video input selection on your monitor.
- **No Recording:** Check recording schedule settings. Ensure the hard drive is properly installed and formatted. Verify motion detection settings if using motion-triggered recording.
- **Remote Access Issues:** Confirm the DVR is connected to the network and has a valid IP address. Check router settings for port forwarding if necessary. Ensure correct login credentials for web browser or smartphone app.
- **Poor Video Quality:** Check camera connections and cable integrity. Ensure cameras are clean and properly focused. Adjust video settings in the DVR menu if available.
- **DVR Not Responding:** Try restarting the DVR by disconnecting and reconnecting the power. If the issue persists, contact technical support.

## 8. SPECIFICATIONS

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| Feature            | Specification       |
|--------------------|---------------------|
| Brand              | Mace                |
| Model Number       | MVR-SQ80            |
| Number of Channels | 8                   |
| Storage Capacity   | 500 GB (Hard Drive) |
| Video Compression  | H.264               |

|                        |                          |
|------------------------|--------------------------|
| Dimensions (L x W x H) | 62.87 x 16.51 x 55.88 cm |
| Weight                 | 3.74 kg (8.24 lbs)       |
| Compatible Devices     | Camera, Smartphone       |
| UPC                    | 843925001093             |

## 9. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Mace website. Keep your proof of purchase for warranty claims. Support resources typically include FAQs, troubleshooting guides, and contact information for customer service.