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## Amcrest AMC1080DM36-B

# Amcrest AMC1080DM28-B 1080P HD-CVI Quadbrid Dome Security Camera User Manual

Model: AMC1080DM36-B | Brand: Amcrest

## INTRODUCTION

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The Amcrest 1080P HD-CVI Quadbrid Dome Security Camera is designed for robust outdoor surveillance, offering high-resolution video and reliable performance. This camera is compatible with 1080P DVR systems and features advanced capabilities such as 98ft night vision and IP67 weatherproofing, ensuring durability against various environmental conditions. Its quadbrid technology allows for versatile compatibility with HD-CVI, TVI, AHD, and Analog systems, providing flexibility for integration into existing security setups. This manual provides essential information for the proper setup, operation, and maintenance of your security camera.



Figure 1: Amcrest 1080P HD-CVI Dome Security Camera highlighting 1080p resolution, 98ft night vision, IP67 weatherproof rating, and DIY installation.

## SETUP AND INSTALLATION

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### What's in the Box

- 1x 1080P HD-CVI Standalone Dome Camera (Black)

**Note:** Camera power supply and coaxial video cables are not included and must be purchased separately. A DVR is required for operation and is not included.

### Connecting the Camera

The camera connects point-to-point directly to a DVR via a BNC coaxial cable. This provides a secure, closed network connection. Ensure all connections are secure before powering on the device.



Figure 2: Connection diagram for the Amcrest Quadbrid camera, illustrating the BNC/Coax connection, DIP switch for mode selection, and 12V DC power input. Analog cameras require a coax cable and power adapter.

## Quadbrid Mode Switch Setup

Your Amcrest Quadbrid camera is compatible with HD-CVI, HD-TVI, AHD, and Analog systems. The camera features a mode switch to select the appropriate video format for your DVR. Incorrect mode selection will prevent video display.

Refer to the diagram below and the video for proper mode switch configuration:

- **HD-CVI:** Switch 1 Down, Switch 2 Up
- **HD-TVI:** Switch 1 Up, Switch 2 Up
- **AHD:** Switch 1 Up, Switch 2 Down
- **Analog:** Switch 1 Down, Switch 2 Down

Video 1: Amcrest Quadbrid Mode Switch Setup. This video demonstrates how to correctly adjust the mode switch on your Amcrest Quadbrid camera to match your DVR's video format (HD-CVI, HD-TVI, AHD, or Analog).

## Mounting the Camera

The camera is designed for wall mounting. Ensure the mounting surface is stable and can support the

camera's weight. Use appropriate screws and anchors for secure installation. Adjust the camera's viewing angle (129 degrees FOV) to cover the desired surveillance area.



Figure 3: An Amcrest dome camera mounted on a ceiling, illustrating a typical installation scenario.

## OPERATING INSTRUCTIONS

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### Live View and Recording

Once connected to a compatible DVR, the camera will provide a live 1080P HD video feed. You can view and record this feed through your DVR system. The camera's 20 powerful IR-LEDs enable clear night vision up to 98 feet, ensuring surveillance even in low-light conditions.

### Remote Access

When connected to an Amcrest 1080P HD-CVI Security System, you can view your camera feed remotely from a mobile device or tablet using the Amcrest View app, available on the Apple App Store and Google Play Store. This allows you to monitor your property from anywhere.



Figure 4: An array of Amcrest security products, including cameras and DVRs, emphasizing remote monitoring capabilities.

## MAINTENANCE

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### Cleaning the Camera

Regularly clean the camera lens and housing to ensure optimal image clarity. Use a soft, damp cloth to wipe away dust and dirt. Avoid using harsh chemicals or abrasive materials that could damage the lens or finish.

## Checking Connections

Periodically inspect all cable connections for wear, corrosion, or looseness, especially for outdoor installations. Ensure the coaxial cable and power supply connections remain secure to prevent signal loss or power interruptions.

## TROUBLESHOOTING

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### No Video Display

- **Mode Switch:** Verify that the Quadbrid mode switch on the camera cable is set to the correct video format (HD-CVI, HD-TVI, AHD, or Analog) compatible with your DVR. Refer to the 'Quadbrid Mode Switch Setup' section for details.
- **Cable Connection:** Ensure the coaxial cable is securely connected at both the camera and the DVR. Check for any damage to the cable.
- **Power Supply:** Confirm the camera is receiving adequate power. A flickering image or no image at night can indicate insufficient power, especially with long cable runs. Ensure you are using a dedicated power supply with sufficient amperage (e.g., 1 Amp @ 12V) and appropriate gauge cabling for the distance.

### Poor Image Quality

- **Lens Cleanliness:** Clean the camera lens as described in the Maintenance section.
- **Cable Quality/Length:** Long or low-quality coaxial cables can degrade video signal. Consider using higher quality cables or a video amplifier for very long runs.
- **Lighting:** Ensure adequate lighting for optimal daytime performance. For night vision, confirm IR LEDs are functioning correctly.

## SPECIFICATIONS

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Feature	Specification
Model Number	AMC1080DM36-B
Video Capture Resolution	1080p (1920x1080)
Effective Video Resolution	1080 Pixels
Connectivity Technology	Wired (BNC Coaxial)
Compatible Devices	Smartphone, Tablet (via DVR)
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Corded Electric (12V DC, 6 watts)
Night Vision Range	98 Feet
Viewing Angle	129 Degrees

Feature	Specification
International Protection Rating	IP67
Material	Metal
Color	Black
Item Dimensions (L x W x H)	5 x 5 x 5 inches
Item Weight	11.5 ounces
Special Feature	Motion Sensor, Night Vision

## WARRANTY INFORMATION

Amcrest products are backed by a **1-Year US Warranty**. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the official Amcrest warranty policy.

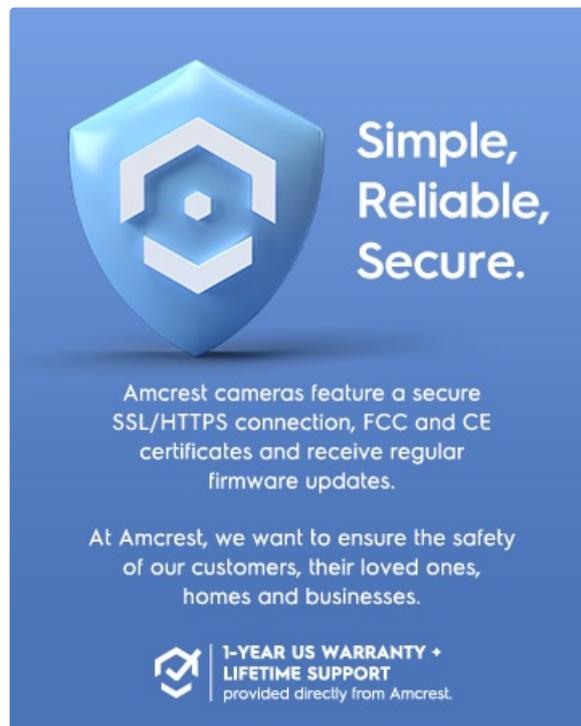


Figure 5: Amcrest's commitment to security, highlighting a 1-year US warranty and lifetime support.

## SUPPORT AND CONTACT INFORMATION

For technical assistance, product inquiries, or warranty claims, please contact Amcrest support:

- **Email:** [support@amcrest.com](mailto:support@amcrest.com)
- **Phone:** 1-888-212-7538

Amcrest also provides lifetime support for its products.

