

Real HD IPC-B5D28A-C

Real HD 5MP Vandal PoE IP Camera Outdoor User Manual

Model: IPC-B5D28A-C

1. INTRODUCTION

Thank you for choosing the Real HD 5MP Vandal PoE IP Camera. This manual provides essential information for the proper installation, operation, and maintenance of your security camera. This camera is designed for outdoor surveillance, featuring 5-megapixel resolution, Power over Ethernet (PoE) for simplified installation, H.265 compression for efficient storage, and an IP67 waterproof rating for durability.

Important Compatibility Note: This IP camera requires connection to a Network Video Recorder (NVR) for operation. It does not function as a standalone unit and does not support direct app access. Ensure you have a compatible NVR system before proceeding with installation.

2. PACKAGE CONTENTS

- Real HD 5MP Vandal PoE IP Camera (Pure White)
- Mounting Screws
- Quick Start Guide (this document)

3. PRODUCT OVERVIEW

The Real HD 5MP Vandal PoE IP Camera is built with a sturdy metal housing and features a 2.8mm fixed lens, providing a 103° wide-angle view. It is designed for robust outdoor performance.



Front view of the Real HD 5MP Vandal PoE IP Camera, showcasing its dome design.



An illustrative diagram detailing the camera's features including 5MP resolution, DNR, 105-degree wide angle, PoE connectivity, DWDR, H.265 compression, IP67 waterproof rating, and compatibility with Hikvision NVR.

4. SETUP

4.1 Pre-installation Considerations

- **NVR Requirement:** This camera is designed to work exclusively with a compatible NVR system. It is compatible with Hikvision, LTS, Uniview standalone NVRs and third-party software such as iSpy, Blue Iris, and Milestone.
- **Incompatible Systems:** This camera is NOT compatible with Reolink, Lorex, Amcrest, Swann, oossxx, or Viewtron NVR systems.
- **Power:** The camera uses Power over Ethernet (PoE), meaning both power and data are transmitted over a single Ethernet cable from your NVR or a PoE switch.

4.2 Physical Installation

1. Choose a suitable outdoor location for wall mounting, ensuring a clear field of view and protection from direct impact.
2. Use the provided mounting screws to securely attach the camera base to the chosen surface.

3. Adjust the camera's angle to cover the desired surveillance area.

4.3 Wiring and Connection to NVR

Connect the camera to your NVR using an Ethernet cable. The NVR will provide power and receive video data.

Advanced H.265+ Compression

Requier Less Storage,Record Longer Time

H.265+



Video transmission stream 25%



Video storage space 25%



H.264



Video transmission stream 100%

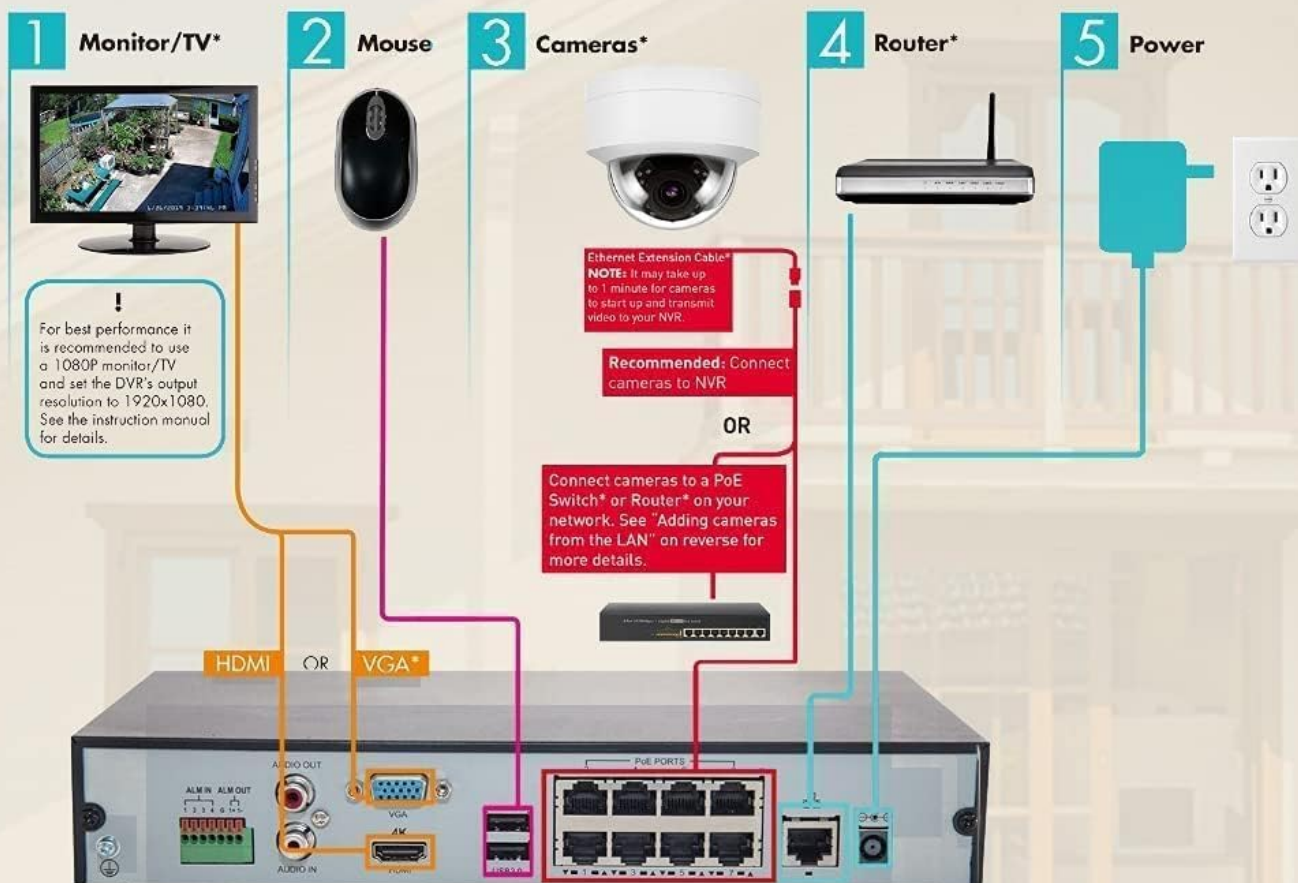


Video storage space 100%



A visual guide demonstrating the connection of the camera to an NVR, including monitor, mouse, router, and power connections.

Connecting Camera to NVR



This diagram illustrates connecting the camera to a PC setup using a PoE switch or injector. **Please note: This camera requires an NVR for operation and does not function as a standalone unit.**

MULTI SOFTWARES COMPATIBLE



NOT SUPPORT



swann

Reolink

LOREX



SUPPORT



milestone



HIK NVR

A chart indicating NVR and software compatibility. The camera supports On-VIF, Blue Iris, Milestone, and Hikvision NVR, but does NOT support Amcrest, Swann, Reolink, Lorex, oossxx, or Viewtron NVR systems.

5. OPERATING INSTRUCTIONS

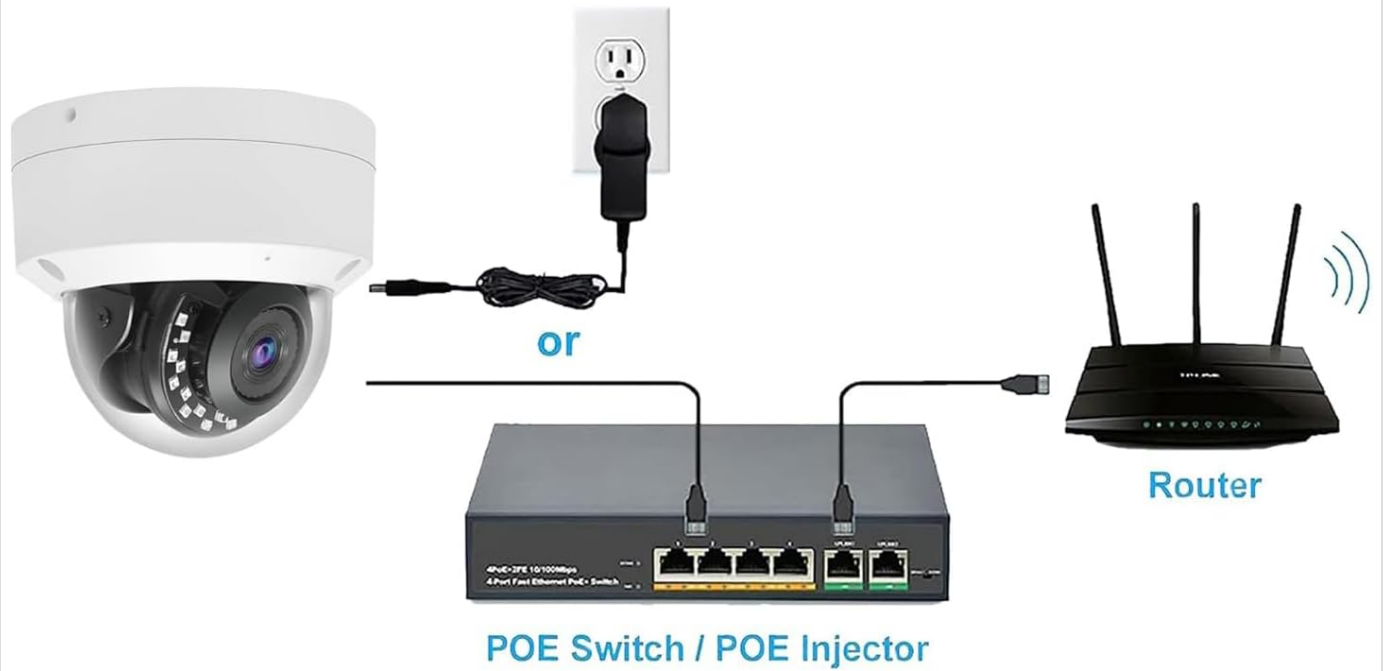
5.1 Accessing Camera Feed

Once connected to a compatible NVR, refer to your NVR's instruction manual for details on how to add and view the camera feed. Typically, the NVR will automatically detect and configure the PoE camera.

5.2 Video Compression (H.265)

This camera utilizes advanced H.265 compression, which significantly reduces file sizes compared to H.264. This allows for more efficient storage and longer recording times on your NVR's hard drive.

Connecting Camera to PC (standalone use)



An image comparing H.265+ and H.264 compression, showing how H.265+ reduces video transmission stream and storage space by 75% compared to H.264.

5.3 Night Vision

The camera features up to 65ft night vision, providing clear and sharp video capture even in low-light conditions.

6. MAINTENANCE

6.1 Cleaning the Camera

- Regularly clean the camera lens with a soft, damp cloth to ensure optimal image clarity. Avoid abrasive cleaners.
- Wipe the camera body to remove dust and debris.

6.2 Checking Connections

Periodically inspect all cable connections to ensure they are secure and free from damage, especially in outdoor environments.

6.3 Firmware Updates

Check with your NVR manufacturer or the Real HD support for any available firmware updates for your camera, as these can improve performance and add new features.

7. TROUBLESHOOTING

7.1 No Video Feed

- Ensure the Ethernet cable is securely connected to both the camera and the NVR/PoE switch.
- Verify that the NVR or PoE switch is powered on and functioning correctly.
- Confirm that your NVR is compatible with this camera model. Refer to section 4.1.

7.2 Poor Image Quality

- Clean the camera lens as described in section 6.1.
- Check for obstructions in the camera's field of view.

- Ensure the NVR is set to record at the camera's native 5MP resolution.

7.3 Network Connectivity Issues

- Restart your NVR and network router.
- Check the integrity of the Ethernet cable for any damage.

8. SPECIFICATIONS

Model Name	IPC-B5D28A-C
Video Capture Resolution	5MP
Lens	2.8mm Fixed Lens (103° Wide Angle)
Connectivity Technology	Wired (PoE)
Weatherproof Rating	IP67
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric (via PoE)
Item Dimensions	4 x 4 x 5 inches
Item Weight	0.55 kg
Compression	H.265/H.264
Night Vision	Up to 65ft

IP67 Waterproof



-22°F-(+140)°F 10%-90%RH

The camera shown under simulated rain, highlighting its IP67 waterproof rating and ability to withstand temperatures from -22°F to 140°F and 10-90% RH.



A collage showing various applications for the camera, including outdoor building surveillance, indoor living spaces, and pet monitoring, emphasizing its easy installation for both indoor and outdoor use.

9. WARRANTY INFORMATION

For specific warranty details regarding your Real HD 5MP Vandal PoE IP Camera, please refer to the warranty documentation provided with your purchase or contact the seller directly. Warranty terms may vary based on region and retailer.

10. SUPPORT

For technical assistance or any questions regarding your Real HD 5MP Vandal PoE IP Camera, please contact our U.S.-based technical support team.

- **Availability:** Monday–Friday, 9:00 AM–5:00 PM (CST)
- **Contact:** Please contact the seller for assistance. Refer to your purchase documentation for seller contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question