

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Defender](#) /

› [Defender PhoenixHD Wireless Security Camera System \(Model DPHD4C-64\) Instruction Manual](#)

## Defender DPHD4C-64

# Defender PhoenixHD Wireless Security Camera System

INSTRUCTION MANUAL (MODEL DPHD4C-64)

## 1. Setup

---

This section guides you through the initial setup of your Defender PhoenixHD Wireless Security Camera System. The system is designed for a true plug-and-play experience, requiring no complex network configuration.

### 1.1 What's Included

Verify that all components listed below are present in your package:

- 4 x 1080P HD Night Vision Cameras
- 1 x 10.1" LCD Touchscreen HD Monitor
- 1 x Monitor Power Adapter
- 4 x Camera Power Adapters
- 4 x Camera Mounting Hardware
- 2 x Window Warning Stickers
- Warranty Registration Insert
- Quick Start Guide

# WHAT'S INCLUDED



1 x 10.1" LCD Touchscreen HD Monitor and 4 x 1080P HD Night Vision Cameras



4 x Camera Power Adapters



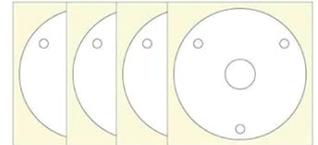
1 x Monitor Power Adapters



Window Warning Sticker



Mounting Hardware



4 x Drilling Templates



Quick Start Guide



Warranty Insert



Free Lifetime Support

*Image: All components included in the Defender PhoenixHD system package.*

## 1.2 Camera Installation

The PhoenixHD cameras are designed for outdoor use with an IP66 weatherproof rating, ensuring durability against various weather conditions. They can be mounted on walls, eaves, or other suitable surfaces.

1. **Choose Mounting Location:** Select a location that provides the desired viewing angle and is within the 1000ft wireless range of the monitor. Ensure the camera has a clear line of sight to the area you wish to monitor.
2. **Mount the Camera:** Use the provided mounting hardware to securely attach each camera to the chosen surface. Drill pilot holes if necessary.
3. **Adjust Camera Angle:** Loosen the adjustment screws on the camera mount to position the camera for optimal coverage. Tighten the screws once the desired angle is achieved.



## TRUE PLUG & PLAY

Set up in 3 minutes.



No App



No Internet



*Image: Steps for mounting a camera and powering the system. The camera is shown being attached to a wooden post. The cameras are IP66 rated, meaning they are protected against dust ingress and powerful water jets, making them suitable for outdoor environments. They can withstand temperatures from -20°C (-4°F) to 60°C (140°F).*



*Image: An IP66 rated weatherproof camera shown in rainy conditions.*

### 1.3 Monitor and System Power-Up

The PhoenixHD system operates without requiring Wi-Fi, utilizing a secure GigaXtreme Technology for wireless communication between cameras and the monitor.

1. **Connect Monitor Power:** Plug the monitor power adapter into the monitor and then into a standard electrical outlet.
2. **Connect Camera Power:** Plug each camera's power adapter into the camera and then into a standard electrical outlet.
3. **System Initialization:** The monitor will power on automatically and display live footage from the connected cameras. The cameras are pre-paired to the monitor for immediate use.

For a visual guide on the setup process, refer to the following video:

*Video: Overview of the Phoenix HD Wireless Security Camera System, demonstrating its features and ease of setup.*

*Video: Detailed explanation of the PHOENIX HD Non-WiFi, Plug-in Power Security System, highlighting its independent operation.*

## 2. Operating Your System

Understand how to utilize the various features of your PhoenixHD system for effective surveillance.

### 2.1 Live View and Monitor Features

The system features a large 10.1" touchscreen monitor for viewing live footage. You can switch between single camera view, split-screen, or quad-screen viewing to monitor multiple areas simultaneously.



Image: The 10.1-inch touchscreen monitor displaying live camera feeds, with arrows indicating touch interaction.

### 2.2 Two-Way Talk

The two-way talk feature allows you to communicate directly through the monitor to anyone near the cameras. This is useful for addressing visitors or deterring unwanted individuals.

1. **Activate Two-Way Talk:** On the monitor's live view screen, locate and tap the microphone icon.
2. **Speak:** Speak clearly into the monitor's built-in microphone. Your voice will be projected through the camera's speaker.
3. **Listen:** The camera's microphone will pick up audio from the monitored area, which will be played through the monitor's speakers.

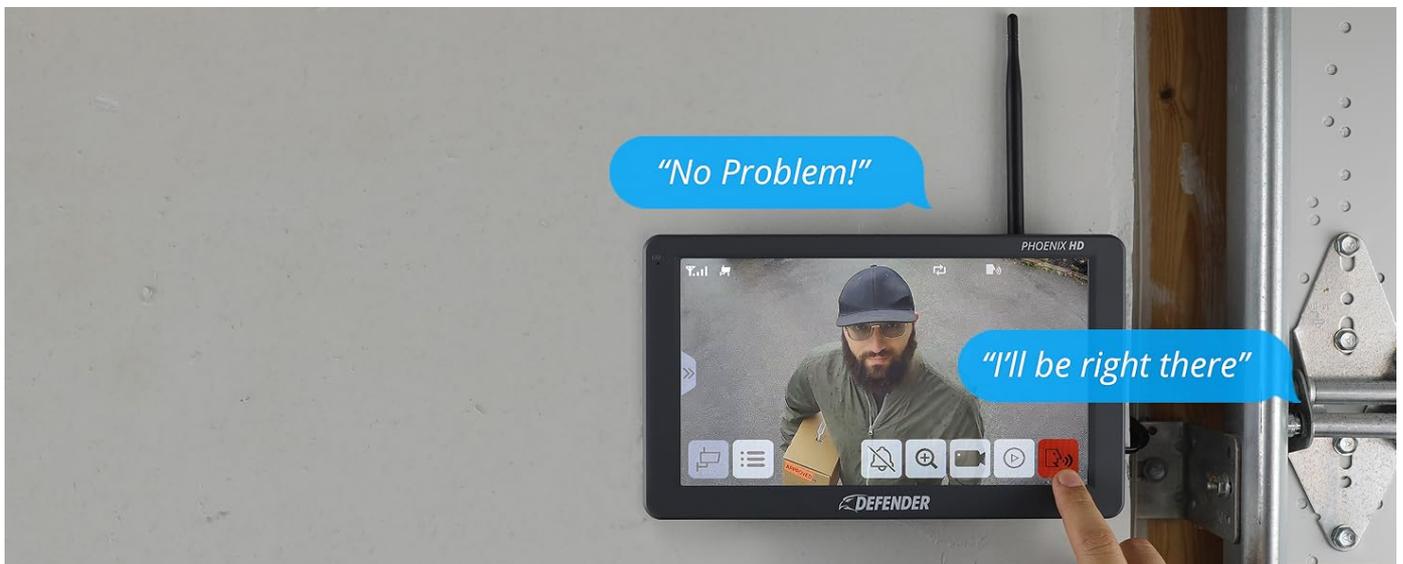


Image: Demonstration of the two-way talk function, showing a person speaking into the monitor and a person near the camera.

## 2.3 Motion Detection and Alerts

The system is equipped with precision motion detection that scans for movement and triggers real-time alerts directly to your monitor. This helps in identifying potential threats without false alarms.

1. **Enable Motion Detection:** Access the settings menu on the monitor to enable motion detection for individual cameras.
2. **Adjust Sensitivity:** Customize the motion detection sensitivity to suit your environment and minimize unwanted alerts.
3. **Receive Alerts:** When motion is detected, an alert will appear on the monitor, and the system can be configured to record the event.



*Image: Visual representation of motion detection triggering an alert on the monitor.*

## 2.4 Night Vision

The 1080P HD cameras provide bright and clear night vision with a range of up to 100ft (15 meters), ensuring continuous surveillance even in low-light or complete darkness.



*Image: Night vision footage from a camera, showing a clear view in darkness.*

## 2.5 Recording and Storage

The PhoenixHD system supports local recording to a secure 64GB Micro SD card (included). This eliminates the need for monthly fees and allows you to store footage directly on the device. The storage can be expanded up to 512GB with

additional MicroSD cards (sold separately).

*Image: The monitor's Micro SD card slot and options for expandable storage.*

## 3. Maintenance

---

Proper maintenance ensures the longevity and optimal performance of your security system.

### 3.1 Cleaning

- **Cameras:** Periodically wipe the camera lenses and housing with a soft, damp cloth to remove dust, dirt, or water spots. Avoid using harsh chemicals that could damage the lens or finish.
- **Monitor:** Use a soft, dry, lint-free cloth to clean the touchscreen. For stubborn smudges, a screen cleaner designed for electronics can be used sparingly.

### 3.2 Firmware Updates

While the PhoenixHD system does not require an internet connection for operation, occasional firmware updates may be released to improve performance or add features. Check the Defender website for information on how to update your system's firmware, which may involve connecting the monitor to a computer via USB.

## 4. Troubleshooting

---

This section provides solutions to common issues you might encounter with your PhoenixHD system.

### 4.1 No Signal/Poor Connection

- **Check Power:** Ensure both the camera and monitor are properly powered on and connected to a working electrical outlet.
- **Distance and Obstructions:** The system has a wireless range of up to 1000ft. Excessive distance or thick walls/metal structures between the camera and monitor can weaken the signal. Try repositioning the camera or monitor.
- **Interference:** While using GigaXtreme Technology, other wireless devices might cause minor interference. Try to minimize other wireless devices near the cameras or monitor.



*Image: Illustration of the camera's wireless signal range and connection to the monitor.*

## 4.2 Motion Detection Issues

- **Sensitivity Settings:** Adjust the motion detection sensitivity in the monitor's settings. High sensitivity may trigger alerts from minor movements like swaying branches, while low sensitivity might miss important events.
- **Detection Area:** Ensure the detection area is correctly configured to cover the desired surveillance zone.
- **Obstructions:** Clear any physical obstructions in the camera's field of view that might block motion detection.

## 4.3 Power Issues

- **Verify Outlets:** Test the electrical outlets with another device to ensure they are functioning correctly.
- **Check Adapters:** Ensure all power adapters are securely connected to both the device and the outlet. Inspect cables for any visible damage.

## 5. Specifications

---

Detailed technical specifications for the Defender PhoenixHD Wireless Security Camera System.

Feature	Specification
Model Number	DPHD4C-64
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	1080P (1920×1080)
Number of Cameras	4
Monitor Size	10.1" LCD Touchscreen
Wireless Range	Up to 1000ft (GigaXtreme Technology)
Night Vision Range	15 Meters (100ft)
Viewing Angle	106 Degrees
Frame Rate	15 FPS
Weatherproof Rating	IP66
Storage	64GB Micro SD card included (Expandable up to 512GB)
Special Features	Motion detection, Scheduled/Manual recording, IR Night Vision, Speaker, Two-Way Talk
Power Source	DC power
Voltage	14 Volts
Wattage	10 watts
Item Dimensions (L x W x H)	7.97 x 3.13 x 2.98 inches
Item Weight	5 Pounds

## 6. Warranty and Support

---

Defender is committed to providing reliable products and customer support.

## 6.1 Warranty Information

Your Defender PhoenixHD system comes with a standard warranty. Additional protection plans are available for purchase:

- **2-Year Protection Plan:** Available for a one-time payment of \$26.99.
- **3-Year Protection Plan:** Available for a one-time payment of \$36.99.
- **Complete Protect:** A monthly plan for \$16.99 covering eligible past and future purchases.

For detailed warranty terms and to activate your product warranty, please visit the official Defender website:

[www.defendercameras.com/pages/warranty](http://www.defendercameras.com/pages/warranty)

# WHAT'S INCLUDED



1 x 10.1" LCD Touchscreen HD Monitor and 4 x 1080P HD Night Vision Cameras



4 x Camera Power Adapters



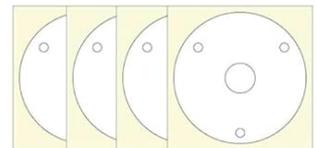
1 x Monitor Power Adapters



Window Warning Sticker



Mounting Hardware



4 x Drilling Templates



Quick Start Guide



Warranty Insert



Free Lifetime Support

*Image: Warranty Registration Insert and Quick Start Guide.*

## 6.2 Customer Support

Defender offers lifetime support for its products. If you encounter any issues or have questions not covered in this manual, please contact Defender customer service for assistance.



*Image: Lifetime Support badge.*