Dragon Touch K4W10

Dragon Touch 3MP Wireless Security Camera System User Manual

Model: K4W10

1. PRODUCT OVERVIEW

The Dragon Touch K4W10 is a 3MP Wireless Security Camera System designed for comprehensive home and office surveillance. This system features an 8-channel NVR and four WiFi-enabled outdoor cameras, offering advanced features like AI human detection, color night vision, and remote access. It is built for ease of use with its plug-and-play functionality and IP66 waterproof rating for outdoor reliability.

Figure 1.1: Dragon Touch K4W10 Wireless Security Camera System components.

2. WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- 1 x 8-Channel NVR (Network Video Recorder)
- 4 x 3MP Wireless Security Cameras
- 1 x NVR Power Adapter
- 4 x Camera Power Adapters
- 1 x USB Mouse
- 1 x Ethernet Cable
- Mounting Screws and Wall Plugs
- Quick Start Guide

Note: A 1TB hard drive for video storage and a monitor for local viewing are not included and must be purchased separately.

Figure 2.1: Contents of the K4W10 package.

3. SETUP GUIDE

3.1 Initial Connection

1. Connect the NVR to a power outlet using its dedicated power adapter.

2. Connect the NVR to a monitor (not included) via HDMI or VGA cable for local viewing and setup.

3. Connect the USB mouse to the NVR's USB port.

4. Plug in each camera to a power outlet using its respective power adapter. The cameras will automatically pair with the NVR.

Figure 3.1: Easy plug-and-play setup of the system.

3.2 Hard Drive Installation (Optional)

To enable continuous recording and playback, install a 3.5-inch SATA hard drive (up to 6TB, not included) into the NVR. Refer to the detailed instructions in the included Quick Start Guide for physical installation steps.

3.3 Camera Placement

Strategically place cameras to cover desired areas. Ensure cameras are within range of the NVR's WiFi signal and have access to a power outlet. The IP66 waterproof rating allows for outdoor installation.

Figure 3.2: Recommended camera placement for comprehensive coverage.

4. OPERATING INSTRUCTIONS

4.1 Live View and Playback

Once the NVR and cameras are powered on, the live feed from each camera will appear on the connected monitor. Use the USB mouse to navigate the NVR interface for live viewing, playback of recorded footage, and system settings.

4.2 AI Human Detection

The system utilizes advanced AI human detection to minimize false alarms. When a human figure is detected, the system can trigger an LED alarm on the camera and send notifications to your mobile device.

Figure 4.1: AI human detection triggering a mobile alert.

4.3 Night Vision Modes

The cameras support both full-color night vision and infrared night vision. The alarm-powered floodlights enable full-color viewing in low-light conditions, while infrared provides clear black-and-white images up to 65 feet.

Figure 4.2: Visual comparison of full-color and infrared night vision.

4.4 Remote Monitoring (Homeviz App)

Download the free Homeviz app on your mobile phone or tablet to monitor your property remotely. The app allows for live viewing, playback, and receiving motion alerts from anywhere with an internet connection.

Figure 4.3: Monitoring the system across various devices.

4.5 Video Quality

The 3MP cameras provide a resolution of 2048 x 1536 pixels, offering clearer and more detailed images compared to standard 1080P systems.

Figure 4.4: Clarity comparison: 3MP vs. 2MP (1080P).

5. Maintenance

- **Lens Cleaning:** Regularly clean camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check the Dragon Touch official website periodically for firmware updates to ensure optimal performance and security.
- **Power Supply:** Ensure all power connections are secure and free from damage.
- **Hard Drive Health:** If a hard drive is installed, monitor its health through the NVR interface to prevent data loss.

6. Troubleshooting

- **No Image on Monitor:** Check HDMI/VGA cable connection, ensure monitor is powered on and set to the correct input. Verify NVR power.

- **Cameras Not Connecting:** Ensure cameras are powered on and within range of the NVR. If issues persist, try re-pairing cameras according to the Quick Start Guide.
- **No Recording/Playback:** Verify that a hard drive is installed and properly formatted. Check recording settings in the NVR menu.
- **Remote Access Issues:** Ensure the NVR is connected to the internet via Ethernet. Check network settings and ensure the Homeviz app is correctly configured and updated.
- **Frequent False Alarms:** Adjust AI human detection sensitivity and define specific monitoring zones within the NVR settings to reduce unwanted alerts.

7. SPECIFICATIONS

Brand	Dragon Touch
Model Number	K4W10
Connectivity Technology	Wireless
Video Capture Resolution	3MP (2048 x 1536)
Number of Channels	8
Special Features	Color Night Vision, AI Human Detection, Motion Sensor, IP66 Waterproof
Night Vision Range	65 Feet
Compatible Devices	Smartphones, Tablets, Monitors
Power Source	Corded Electric
Item Weight	8.13 pounds

8. WARRANTY AND SUPPORT

Dragon Touch products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official Dragon Touch website for detailed warranty terms and conditions.

For technical support, product inquiries, or assistance with troubleshooting, please contact Dragon Touch customer service:

- **Email:** cs@dragontouch.com
- **Online Support:** Visit the Dragon Touch official website for FAQs, support articles, and contact forms.