

## Cuddeback KT-001

# Cuddeback CuddeLink 2+1 Cellular Starter Kit (KT-001) Instruction Manual

Model: KT-001

## 1. INTRODUCTION

The Cuddeback CuddeLink 2+1 Cellular Starter Kit provides a comprehensive solution for remote wildlife monitoring and security. This kit includes one CuddeLink Cell Home unit and two CuddeLink IR Remote Cameras, designed to establish a wireless network for image transmission. The Cell Home unit acts as the central hub, collecting images from all linked remote cameras and transmitting them to your device via LTE cellular service. The remote cameras capture high-quality images and relay them to the Cell Home without requiring individual cellular plans, offering flexible placement options.

This manual provides detailed instructions for the setup, operation, and maintenance of your CuddeLink system to ensure optimal performance.

## 2. PACKAGE CONTENTS

Verify that all items listed below are present in your kit:

- 1 x CuddeLink Cell Home Unit (LLC-H)
- 2 x CuddeLink IR Remote Cameras (LL-2A)
- 3 x Mounting Straps
- 3 x Mounting Brackets
- 3 x Antennas (one for each unit)
- Instruction Manual (this document)

# Everything you need to get started



**1 CUDDELINK HOME UNIT**

## Central Hub

**Collect images from up to 23 CuddeLink cameras and send via a single LTE data plan as low as \$10/month**

## Standalone Field Cameras

**Capture high-quality infrared images and wirelessly transmit them to the CuddeLink network**



**2 L-SERIES IR REMOTE CAMERAS**

Image: The CuddeLink 2+1 Cellular Starter Kit includes one CuddeLink Home Unit and two L-Series IR Remote Cameras, along with necessary accessories for initial setup.

## 3. PRODUCT OVERVIEW

### 3.1 CuddeLink System Architecture

The CuddeLink system operates on a network principle where multiple remote cameras communicate wirelessly with a single Cell Home unit. The Cell Home then utilizes cellular service (AT&T or Verizon) to transmit collected images to the user. This design allows for extensive coverage with only one cellular data plan.

### 3.2 Key Features

- **Network Capacity:** Supports up to 23 remote cameras linked to one Cell Home unit.
- **Trigger Speed:** Fast 1/4 second trigger speed for capturing rapid movement.
- **Cellular Connectivity:** Pre-installed AT&T and Verizon SIM cards for broad network compatibility.
- **Power Source:** Each unit requires 4 D-cell batteries (not included) for operation.
- **Daisy-Chain Transmission:** Images are transmitted from camera to camera, extending the network range up to 2+ miles.

- **Camera Link Range:** Each camera can link to another unit up to 1/4 mile away, even in dense terrain.
- **Image Quality:** Features high-quality timelapse and advanced low-glow IR night vision modes.
- **Storage:** Compatible with SD cards up to 256GB (not included).
- **Image Tagging:** Photos are tagged with date, time, moon phase, and camera ID.
- **Remote Control:** Manage camera settings and view images via a dedicated app or web browser.



Image: The CuddeLink Cell Home and two remote cameras, illustrating the core components of the starter kit.

# How it works

## Daisy-chain transmission

Images pass camera to camera, reaching up to 2+ miles in range

## 1/4 Mile range per camera

Each camera links from up to 1/4 mile away, even through dense terrain

## Link up to 23 cameras

Only one camera needs to link to the Cell Home to receive all images from linked cameras

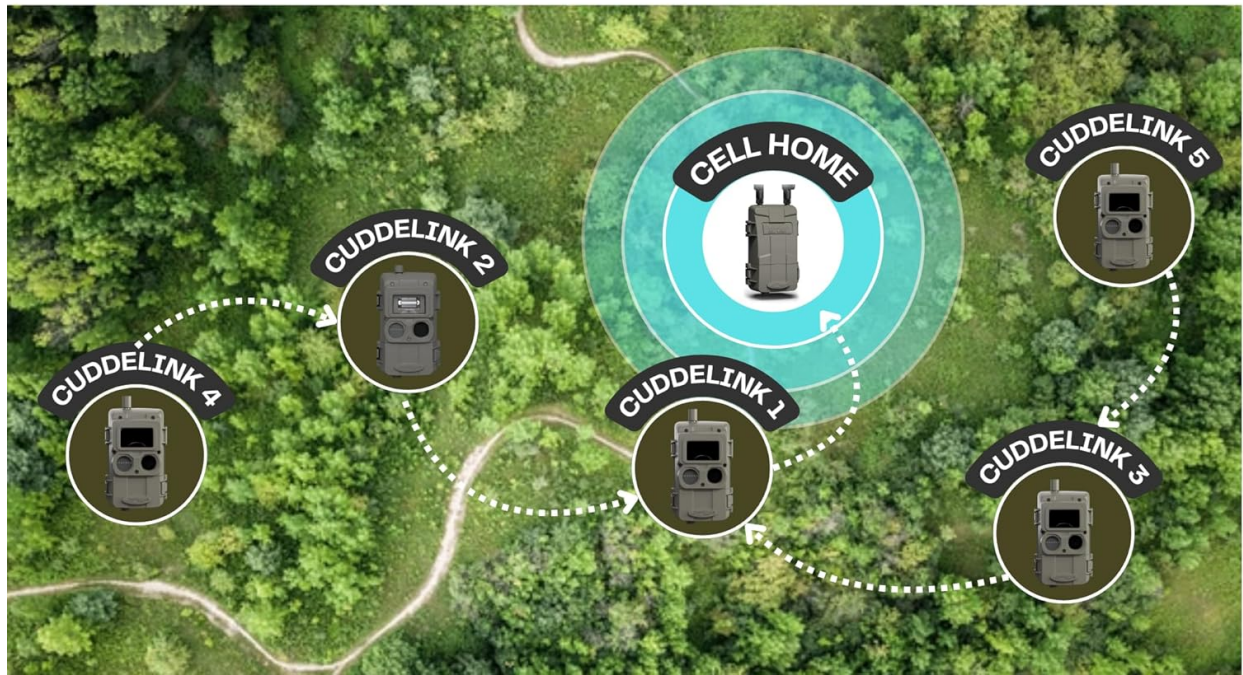


Image: A visual representation of the CuddeLink network, demonstrating how cameras daisy-chain to extend range and transmit images to the central Cell Home unit.

## 4. SETUP

### 4.1 Battery Installation

1. Open the battery compartment on each CuddeLink unit (Cell Home and Remote Cameras).
2. Insert 4 new D-cell batteries into each unit, ensuring correct polarity (+/-).
3. Securely close the battery compartment.

### 4.2 SD Card Insertion

1. Locate the SD card slot on each unit.
2. Insert a compatible SD card (up to 256GB, not included) into the slot until it clicks into place.
3. It is recommended to format the SD card using the camera's menu system after insertion.

### 4.3 Antenna Attachment

1. Screw the provided antennas onto the designated ports on the top of each CuddeLink unit.
2. Ensure the antennas are securely tightened but do not overtighten.

#### **4.4 Mounting the Units**

1. Select a suitable location for each camera, typically a tree or post, ensuring a clear line of sight between units for optimal network performance.
2. Use the provided mounting straps and brackets to securely attach each unit.
3. Position the cameras to cover the desired monitoring area.

#### **4.5 Initial Power-On and Network Linking**

1. Power on the CuddeLink Cell Home unit first.
2. Follow the on-screen prompts or refer to the unit's display for initial setup, including selecting your cellular carrier (AT&T or Verizon).
3. Power on the CuddeLink IR Remote Cameras. They will automatically attempt to connect to the nearest Cell Home unit or another linked remote camera.
4. Verify successful linking on the display of each unit.

#### **4.6 App/Web Browser Setup**

1. Download the official Cuddeback app from your device's app store or visit the Cuddeback website for web browser access.
2. Create an account and register your CuddeLink Cell Home unit using the provided serial number.
3. Configure camera settings, view images, and manage your network through the app or web interface.



# Control your CuddeLink cameras without entering the field using the app or web browser

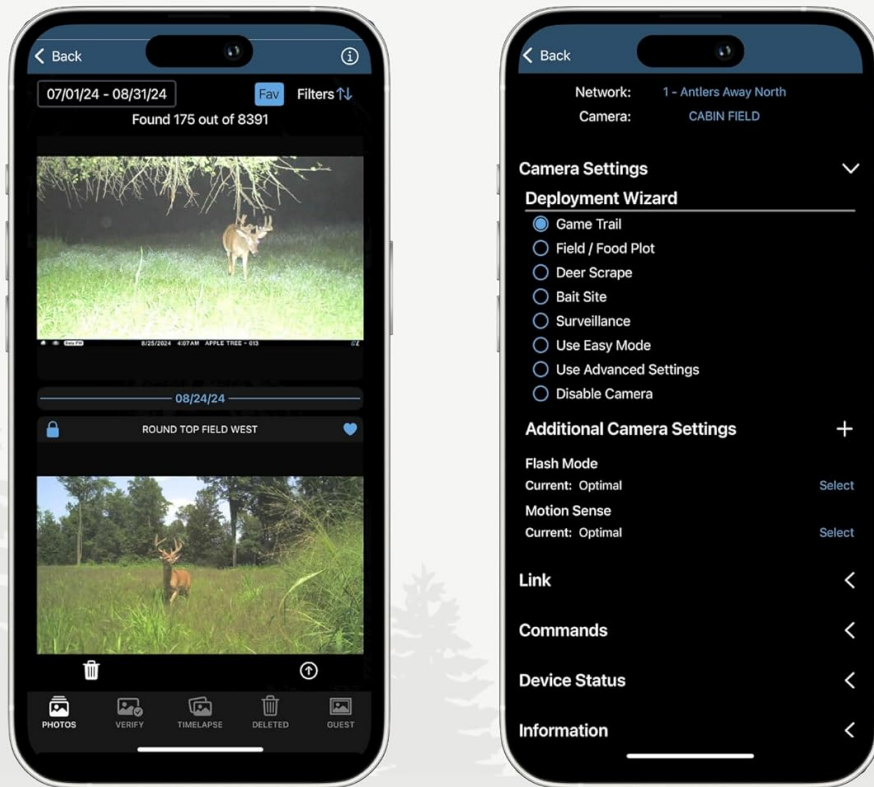


Image: The CuddeLink mobile application allows users to control cameras and view captured images remotely.

## 5. OPERATING INSTRUCTIONS

### 5.1 Image Capture

The remote cameras are equipped with motion sensors that trigger image capture. With a 1/4 second trigger speed, the cameras are designed to capture fast-moving subjects effectively.

### 5.2 Image Transmission

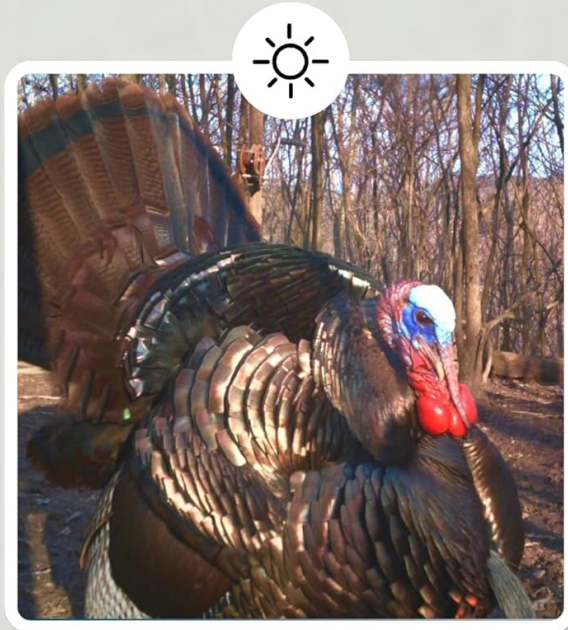
Once an image is captured by a remote camera, it is wirelessly transmitted through the CuddeLink network to the Cell Home unit. The Cell Home then sends these images to your registered account, accessible via the mobile app or web browser.

### 5.3 Modes of Operation

- **Daytime Mode:** Captures full-color images in daylight conditions.
- **Night Vision Mode:** Utilizes advanced low-glow infrared (IR) technology to capture clear black and white images in low-light or nighttime conditions.
- **Timelapse Mode:** Captures images at set intervals, useful for monitoring slow-moving events or

changes over time.

## High quality timelapse & night vision modes



**Color by day**



**Advanced low-glow  
IR night vision**

Image: Examples of daytime color photography and advanced low-glow IR night vision images captured by CuddeLink cameras.

### 5.4 Remote Management

Use the Cuddeback app or web portal to:

- View captured images and videos.
- Adjust camera settings (e.g., trigger delay, photo resolution, mode).
- Monitor battery levels and SD card capacity.
- Receive notifications for new activity.

## 6. MAINTENANCE

### 6.1 Battery Replacement

Regularly check battery levels via the app or unit display. Replace all 4 D-cell batteries in a unit simultaneously to ensure consistent power and optimal performance. Battery life can vary based on usage and environmental conditions.

## 6.2 SD Card Management

Monitor the remaining capacity of your SD cards. When full, images will no longer be saved. You can either replace the SD card with a new one or format the existing card (which will erase all stored images). It is recommended to back up important images before formatting.

## 6.3 Cleaning


Periodically clean the camera lens and IR array with a soft, lint-free cloth to ensure clear image quality. Wipe down the camera housing to remove dirt, dust, or debris that may accumulate.

## 6.4 Firmware Updates

Check the Cuddeback website or app periodically for available firmware updates. Firmware updates can improve performance, add new features, or resolve known issues. Follow the provided instructions carefully when performing updates.

# Efficient power & SD storage

- ✓ **Powered by 4 D-cell batteries for long runtime**  
NOT INCLUDED
- ✓ **Runs indefinitely with solar panel add-on**
- ✓ **Compatible with SD cards up to 256GB**  
NOT INCLUDED
- ✓ **Photos tagged with date, time, moon phase & camera ID**



The image displays three wildlife photographs taken by a camera. The top photo shows a bald eagle standing on a grassy bank next to a river, with an American flag in the foreground. The middle photo shows a deer standing in a field of tall grass. The bottom photo is a close-up of a deer's head. Each photo has a timestamp and camera ID at the bottom.

Photo	Timestamp	Camera ID
Top	5/21/2019 7:37 AM	Dudde
Middle	8/25/2024 9:20 AM	HF BOT AG
Bottom	5/6/2025 5:55 PM	CAMERA FIELD NORTH 018

Image: Details on power and storage, including battery requirements and SD card compatibility.

## 7. TROUBLESHOOTING

If you encounter issues with your CuddeLink system, refer to the following common problems and solutions:



- **No Images Received:**

- Check battery levels in all units.
- Ensure SD cards are properly inserted and have sufficient space.
- Verify that all cameras are linked to the Cell Home unit and the Cell Home has cellular signal.
- Confirm your cellular data plan is active and not expired.
- Check camera placement for obstructions or insufficient motion in the detection zone.

- **Poor Image Quality:**

- Clean the camera lens and IR array.
- Ensure the camera is mounted securely to prevent movement.
- Check settings in the app to ensure appropriate resolution and mode are selected.

- **Delayed Image Transmission:**

- Image transmission time can vary based on cellular network congestion and signal strength.
- Ensure the Cell Home unit has a strong cellular signal. Relocate if necessary.
- Verify that remote cameras are within effective range of other linked cameras or the Cell Home.

- **Short Battery Life:**

- Ensure you are using fresh, high-quality D-cell batteries.
- Frequent image capture, video recording (if enabled), and cold temperatures can reduce battery life.
- Consider using a Cuddeback solar panel add-on for extended runtime.

- **Missing SIM Card:**

- The kit is advertised with AT&T & Verizon SIM cards installed. If a SIM card is missing, contact Cuddeback customer support immediately.

For further assistance, refer to the official Cuddeback support resources or contact customer service.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	KT-001
Brand	Cuddeback
Indoor/Outdoor Usage	Outdoor
Power Source	Battery Powered (4 x D-cell batteries per unit, not included)
Connectivity Protocol	Radio Frequency (CuddeLink network), LTE (Cellular transmission)
Wireless Communication	Wi-Fi (for local network management)
Controller Type	App, Remote
Mounting Type	Tree Mount

Feature	Specification
Trigger Speed	1/4 Second
Network Capacity	Up to 23 remote cameras per Cell Home
Camera Link Range	Up to 1/4 mile per camera link
Total Network Range	2+ miles (daisy-chain)
Flash Memory Type	SD
Max SD Card Size	256 GB
Color	Tan
Material	Plastic
Item Dimensions (L x W x H)	3.5 x 3.5 x 6 inches (per unit)
Item Weight	4.13 Pounds (likely for the kit)
Special Features	Image Sensor, Motion Sensor, Time-Lapse, Low-Glow IR Night Vision
UPC	700868100248

## 9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation included with your purchase or visit the official Cuddeback website. For technical support, troubleshooting assistance beyond this manual, or inquiries about parts and service, please contact Cuddeback customer service directly.

**Cuddeback Customer Service:** Refer to the contact information provided on the Cuddeback website or in your product packaging.

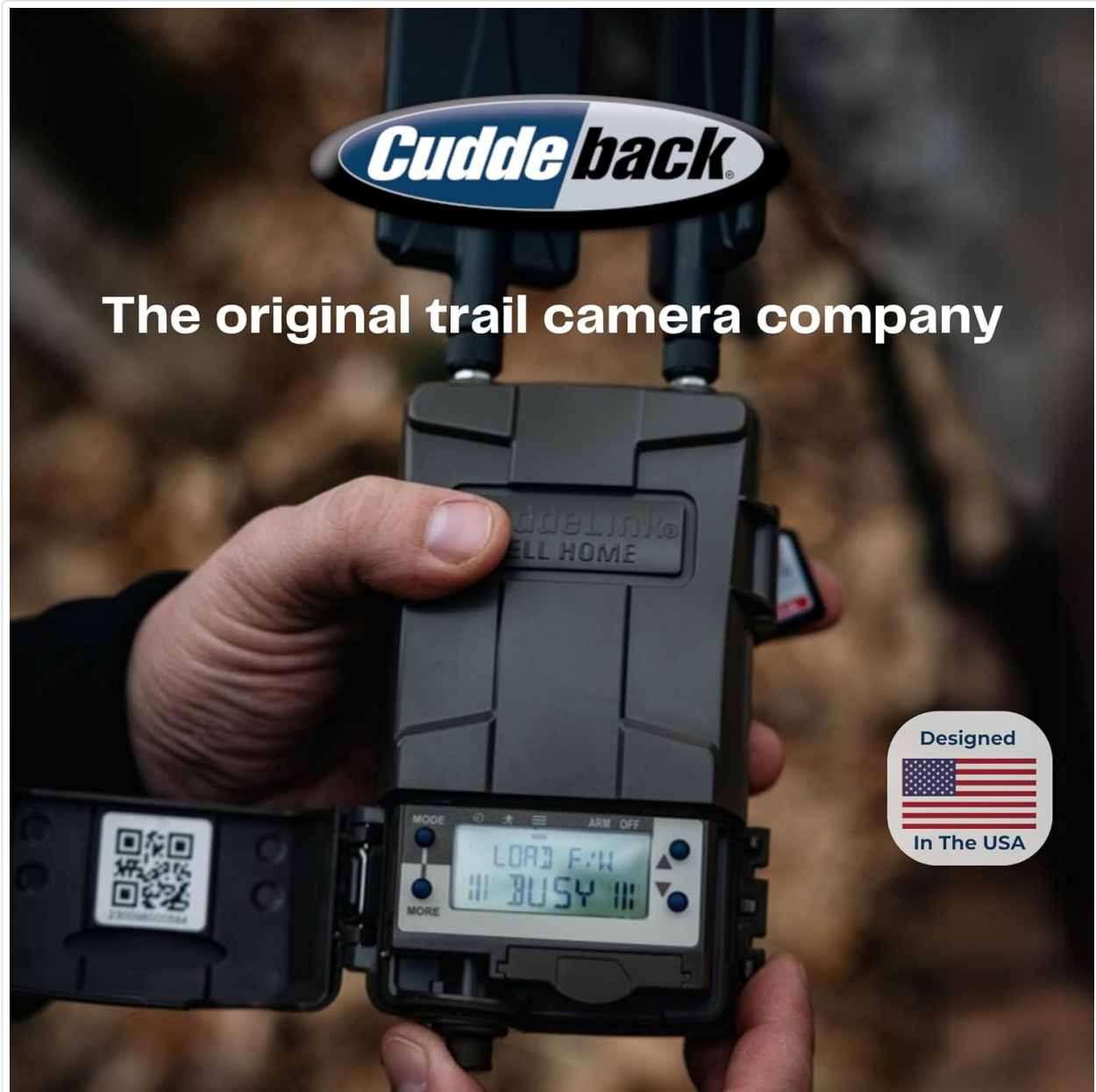












Image: Cuddeback trail camera, highlighting the brand's commitment to design in the USA.

#### Related Documents - KT-001

    <p>CuddeLink QuickStart manual begins on page 21</p>	<p><a href="#">Cuddeback Setup Manual: G-Series, J-Series, K-Series Cameras</a></p> <p>A comprehensive guide to operating Cuddeback G-Series, J-Series, and K-Series trail cameras, covering user interface, firmware updates, and various settings for optimal performance.</p>
	<p><a href="#">Cuddeback Camera Firmware Update Guide</a></p> <p>Step-by-step instructions for downloading and installing firmware updates for Cuddeback G/J/K and L Series cameras to enhance performance and add new features.</p>
	<p><a href="#">CuddeLink Trail Camera System: Features, Options, and Setup Guide</a></p> <p>Comprehensive guide to Cuddeback's CuddeLink wireless trail camera systems, covering On-Site and Cell options, G-Series and J-Series cameras, power accessories, and setup instructions for hunters.</p>
  <p>8 MP Images 1/2 sec Trigger Speed Super Simple Setup</p>	<p><a href="#">Cuddeback Moonlight IR Model 1408 Trail Camera - High Performance Night Imaging</a></p> <p>Discover the Cuddeback Moonlight IR Model 1408 trail camera, featuring 8 MP images, 1/2 second trigger speed, and superior night vision with 24 high-power IR LEDs. Designed for optimal performance and ease of use for wildlife photography.</p>
  <p>20 MP Images 1/4 sec Trigger Speed Super Simple Setup</p>	<p><a href="#">Cuddeback Professional Color Model 1347 Trail Camera - High Performance &amp; Rugged Design</a></p> <p>Explore the Cuddeback Professional Color Model 1347 trail camera, designed for demanding environments. Features 20MP images, 1/4 second trigger speed, Super Simple Setup, and waterproof construction, ideal for wildlife biologists and outfitters.</p>





## [Cuddeback G Series Camera User Manual and Warranty Information](#)

Comprehensive user manual for the Cuddeback G Series camera, covering design highlights, SD card and battery usage, zone control features, limited warranty, and FCC compliance. Learn how to operate and maintain your Cuddeback camera.