

## HUBBLE CONNECTED HCTNPDVX-BU

# HUBBLE CONNECTED Nursery Pal Dual Vision Smart Camera (Model HCTNPDVX-BU) User Manual

Model: HCTNPDVX-BU | Brand: HUBBLE CONNECTED

## 1. INTRODUCTION

The HUBBLE CONNECTED Nursery Pal Dual Vision Smart Camera is designed to provide comprehensive monitoring of your baby and nursery environment. This device features both a wide-angle and a regular view camera, AI Motion Tracking, and connectivity through the HubbleClub app, allowing for remote viewing and interaction. This manual provides instructions for setting up, operating, and maintaining your smart camera.

## 2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- Nursery Pal Dual Vision Smart Camera
- Power Adapter
- Quick Start Guide
- User Manual (this document)
- Warranty Information
- Universal Wall Mount (optional installation)

## What's in the box?



Wi-Fi HD  
Dual Lens Camera



Universal Wall Mount



HubbleClub Services



Image: Components included with the Nursery Pal Dual Vision Smart Camera.

### 3. PRODUCT OVERVIEW AND FEATURES

The Nursery Pal Dual Vision Smart Camera is equipped with advanced features for comprehensive baby monitoring:

- **Dual Vision Monitoring:** Simultaneous wide-angle and close-up views.
- **AI Motion Tracking:** Camera automatically follows movement.
- **Remote Pan & Tilt:** Control the close-up view camera remotely.
- **Full HD 1080p Video:** Clear video streaming on both cameras.
- **Infrared Night Vision:** Clear viewing in low light conditions.
- **Two-Way Talk (ConnectChat):** Communicate with your baby remotely.
- **Preloaded Soothing Sounds:** Lullabies, nature sounds, and stories.
- **Room Temperature Sensor:** Monitor nursery temperature.
- **HubbleClub App Integration:** Access live feed, activity alerts, growth tracker, and sleep insights.
- **Secure Wi-Fi Connection:** Private and secure data transmission.

# Sleep Routine Management

Track resting and waking patterns



Image: Key features of the Nursery Pal Dual Vision Smart Camera.

Patented  
Dual Camera  
technology  
with Close-up  
View and Wide  
Angle View



Image: Patented Dual Camera Technology for close-up and wide-angle views.

## 4. SETUP INSTRUCTIONS

### 4.1 Camera Placement

Position the camera in a location that provides a clear view of your baby and the nursery. The camera can be placed on a flat surface or mounted to a wall.

- Ensure the camera is out of reach of children.
- Keep the power cord away from the crib or play area to prevent entanglement hazards.
- For optimal Wi-Fi performance, place the camera within 10 feet of your Wi-Fi router during initial setup.



Image: Camera mounted above a crib for optimal viewing.



Image: Camera placed on a flat surface.

## 4.2 Power Connection

1. Connect the power adapter to the camera's power input port.
2. Plug the power adapter into a suitable electrical outlet.
3. The camera will power on automatically. Wait for the indicator light to show it is ready for pairing.

## 4.3 HubbleClub App Installation and Wi-Fi Pairing

1. Download the **HubbleClub app** from the App Store (iOS) or Google Play Store (Android) on your smartphone or tablet.
2. Open the HubbleClub app and follow the on-screen instructions to create an account or log in.
3. Select "Add Device" and choose your Nursery Pal Dual Vision Smart Camera model.
4. Ensure your smartphone/tablet is connected to a **2.4GHz Wi-Fi network** during the setup process. The camera is compatible with dual-band routers (2.4GHz and 5.0GHz), but initial setup requires 2.4GHz.
5. Follow the app's prompts to connect the camera to your Wi-Fi network. This typically involves scanning a QR code generated by the app with the camera.
6. Once connected, you can view the live feed and access all camera features through the app. After setup, you can switch your phone/tablet back to a 5GHz network if desired.



# Hubble monitors work with dual-band routers (2.4GHz and 5.0GHz)



1. Your Hubble device and phone/tablet must be connected to 2.4GHz during setup
2. Perform setup within 10 ft of the router
3. Post setup, you can switch your phone/tablet back to 5GHz

Image: Wi-Fi setup guidelines for Hubble monitors.



Image: Camera connected to the HubbleClub app on a smartphone.

## 5. OPERATING INSTRUCTIONS

### 5.1 Live Monitoring and Dual Vision

Once connected, open the HubbleClub app to view the live feed from your camera. The app displays both the wide-angle and close-up views simultaneously, providing a comprehensive perspective of the nursery.

- Switch between views or use the split-screen feature within the app.
- Use the remote pan and tilt controls for the close-up camera to adjust its angle as needed.

### 5.2 AI Motion Tracking

Activate the AI Motion Tracking feature in the HubbleClub app. The camera will automatically pan and tilt to follow your baby's movements within its field of view, ensuring they remain in the frame.





Image: AI Motion Tracking in action, keeping the baby in view.

### 5.3 Two-Way Communication (ConnectChat)

Use the ConnectChat feature in the app to speak to your baby. Press and hold the microphone icon in the app to transmit your voice through the camera's speaker. This can be used to soothe your baby or communicate with them.



Image: Push-to-Talk ConnectChat button on the camera base.

## 5.4 Soothing Sounds and Lullabies

The camera comes with preloaded soothing sounds, lullabies, and stories. Access these features through the HubbleClub app to play them remotely and help your baby relax or fall asleep.

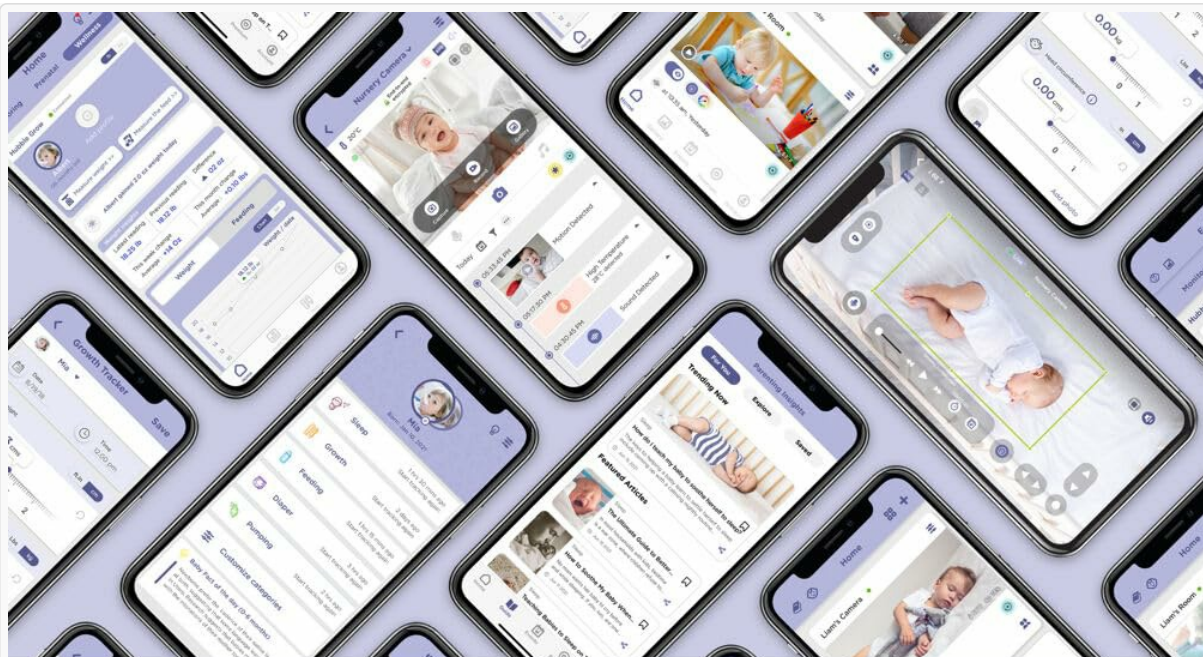
## 5.5 HubbleClub App Features

The HubbleClub app offers additional functionalities to enhance your monitoring experience:

- **Activity Alerts:** Receive notifications for motion or sound detection.
- **Baby Growth Tracker:** Log and monitor your baby's milestones, growth, and development.
- **Sleep Insights:** Track resting and waking patterns to manage sleep routines.
- **Cloud Storage:** Securely store precious images and videos (unlimited streaming and motion-triggered recordings stored for 24 hours in the cloud; premium service available for extended storage).
- **Feeding and Diaper Log:** Manage and log feeding patterns and diaper changes.



Image: Sleep routine management and tracking within the HubbleClub app.



## Download the HubbleClub app for even more incredible features



Your Recordings  
Live in The Cloud



Track Progressions on  
the Baby Growth Tracker



Set Your BabyZone &  
Receive Activity Alerts



Nursery Rhymes, Bedtime  
Stories & Personalized  
Recordings



Unlimited Live Streaming  
Ensures You're Always  
Connected



Routinely Log and Manage  
Data on Feeding, Pumping,  
Diapers, and More



Customize Waking and  
Resting Patterns for  
your baby



Keep & Share Every  
Precious Moment

Image: Overview of HubbleClub app features.

## 6. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Environment:** This device is designed for indoor use only. Avoid exposing it to water or high humidity, as it is not water resistant.
- **Power:** Always use the provided power adapter. Disconnect power before cleaning or if the device will be unused for an extended period.

## 7. TROUBLESHOOTING

If you encounter issues with your Nursery Pal Dual Vision Smart Camera, refer to the following common solutions:

Problem	Possible Solution
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Problem	Possible Solution
Camera not connecting to Wi-Fi or app	<ul style="list-style-type: none"> <li>◦ Ensure your router is broadcasting a 2.4GHz Wi-Fi signal.</li> <li>◦ During setup, ensure your phone and camera are within 10 feet of the router.</li> <li>◦ Restart the camera by unplugging and re-plugging the power adapter.</li> <li>◦ Check your Wi-Fi password for accuracy.</li> <li>◦ Ensure the HubbleClub app is updated to the latest version.</li> </ul>
Video feed lagging or cutting out	<ul style="list-style-type: none"> <li>◦ Check your internet connection speed and stability.</li> <li>◦ Move the camera closer to the Wi-Fi router to improve signal strength.</li> <li>◦ Reduce interference from other electronic devices.</li> </ul>
Camera freezing or turning off randomly	<ul style="list-style-type: none"> <li>◦ Ensure the camera is receiving stable power.</li> <li>◦ Perform a factory reset (refer to the Quick Start Guide for instructions).</li> <li>◦ Contact customer support if the issue persists.</li> </ul>
Night Vision not working	<ul style="list-style-type: none"> <li>◦ Ensure the camera is in a dark environment for night vision to activate.</li> <li>◦ Check app settings to ensure night vision is enabled (if applicable).</li> <li>◦ Contact customer support if the issue persists.</li> </ul>
Inaccurate Room Temperature Sensor	<ul style="list-style-type: none"> <li>◦ Ensure the camera is not placed near heat sources (e.g., direct sunlight, vents) or cold drafts.</li> <li>◦ Allow some time for the sensor to stabilize after placement.</li> </ul>

## 8. SPECIFICATIONS

Feature	Detail
Model Number	HCTNPDVX-BU
Brand	HUBBLE CONNECTED
Indoor/Outdoor Usage	Indoor
Compatible Devices	Smartphones, Tablets
Power Source	Power Adapter (AC)
Connectivity Protocol	Wi-Fi (2.4GHz for setup)

Feature	Detail
Mounting Type	Tabletop Mount, Universal Wall Mount
Video Capture Resolution	1080p Full HD
Color	White
Material	Plastic
Item Dimensions (L x W x H)	6.75 x 7.25 x 4.5 inches
Item Weight	11.7 ounces (0.73 Pounds)
Water Resistance Level	Not Water Resistant
Low Light Technology	Night Color (Infrared Night Vision)
Zoom Type	Digital Zoom
Alert Type	Audio and Motion
Control Method	App (HubbleClub)
International Protection Rating	IP65
UPC	810074830874

*Note on IP65 rating: While the product lists an IP65 rating, it is also specified as "Not Water Resistant." For optimal device longevity and safety, avoid exposing the camera to water or high humidity. The IP65 rating typically refers to protection against dust and low-pressure water jets, not immersion or heavy rain. This device is intended for indoor use.*

## 9. WARRANTY AND SUPPORT

Your Nursery Pal Dual Vision Smart Camera includes a warranty. Please refer to the separate warranty information document included in your package for details regarding coverage, terms, and conditions. For technical support, troubleshooting assistance, or further inquiries, please visit the official HUBBLE CONNECTED support website or contact their customer service department. Contact information can typically be found in the Quick Start Guide or on the brand's official website.

**Online Resources:**

- HubbleClub App: Available on [App Store](#) and [Google Play](#)
- HUBBLE CONNECTED Official Website: [www.hubbleconnected.com](http://www.hubbleconnected.com)