Huddly L1

Huddly L1 Video Conferencing Camera User Manual

Model: L1

1. INTRODUCTION

The Huddly L1 is an advanced video conferencing camera designed to provide inclusive and engaging hybrid teamwork experiences, particularly in large meeting environments. Featuring AI-powered video capabilities and premium hardware, the L1 ensures high-quality visuals and intelligent framing for all participants.
Key features include:

- **AI-powered Video Experiences:** Genius Framing and Portrait Lighting optimize participant visibility.
- **High-Resolution Sensor:** A 20.3 Megapixel image sensor captures fine details.
- **Network Connectivity:** Reliable setup with a single Ethernet cable, extending up to 330ft with the included adapter.
- **InSights Analytics API:** Provides data on meeting space utilization.

2. SETUP

Follow these steps to properly set up your Huddly L1 camera:

1. **Unpack the Camera:** Carefully remove the Huddly L1 camera and all accessories from its packaging.

2. **Position the Camera:** Place the camera in a suitable location within your meeting room. The adjustable stand allows for flexible placement on a display or flat surface. Ensure a clear line of sight to all meeting participants.

Image: The Huddly L1 camera positioned on top of a large display screen, ready for use in a meeting room setting.

3. **Connect Network Cable:** Connect one end of an Ethernet cable to the camera's network port and the other end to your network infrastructure. The Huddly L1 is designed for network connectivity, allowing for flexible placement and extended cable runs.

Image: A detailed view of the Ethernet port located on the rear of the Huddly L1 camera, showing the connection point for network

4. **Connect to Computer (Optional/Direct):** While primarily network-connected, the camera also features a USB 3.0 port for direct computer connection if required by your setup. Use a compatible USB 3.0 cable to connect the camera to your computer.

5. **Power On:** Ensure the camera receives power through the Ethernet connection (Power over Ethernet - PoE) or a separate power adapter if PoE is not available. The camera will power on automatically.

6. **Software Installation:** Install any necessary Huddly software or drivers on your conferencing system or computer. Refer to the Huddly website for the latest software.

3. OPERATING INSTRUCTIONS

The Huddly L1 camera integrates intelligent features to enhance your video conferencing experience:

- **Genius Framing:** This AI-powered feature automatically detects participants in the room and smoothly zooms in and frames them perfectly. This ensures that remote participants have a natural and engaging view of the meeting.

- **Portrait Lighting:** The camera analyzes the lighting conditions and optimizes brightness to ensure faces are well-lit and facial expressions are clearly visible, even in challenging lighting environments.

- **InSights Analytics API:** For administrators, the InSights Analytics API provides valuable data on meeting room utilization, helping to optimize space management and resource allocation.

- **Video Quality:** The camera delivers 1920 x 1080 video resolution at 30 frames per second (fps), ensuring clear and fluid video. It also features a 5x digital zoom capability to capture distant details.

Image: A meeting in progress, showcasing the Huddly L1 camera's ability to capture multiple participants effectively for remote viewing.

Image: An overhead view of a spacious meeting room, illustrating the Huddly L1 camera's suitability for capturing a broad area and multiple attendees.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Huddly L1 camera, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to gently wipe the camera body. For the lens, use a specialized lens cleaning cloth and solution if necessary, avoiding abrasive materials.

- **Avoid Liquids:** Do not spray cleaning liquids directly onto the camera. Apply cleaning solution to the cloth first.

- **Environmental Conditions:** Operate the camera within recommended temperature and humidity ranges. Avoid exposing it to extreme heat, cold, or moisture.

- **Physical Handling:** The Huddly L1 is built with high-quality, durable materials and has no moving parts, making it robust. However, avoid dropping or subjecting it to strong impacts.

- **Firmware Updates:** Regularly check the Huddly website for firmware updates to ensure your camera has the latest features and performance enhancements.

5. TROUBLESHOOTING

If you encounter issues with your Huddly L1 camera, consider the following troubleshooting steps:

- **No Video Output:**

  - Check all cable connections (Ethernet, USB if applicable) to ensure they are securely plugged in.
  - Verify that the camera is receiving power (indicated by an LED light).
  - Ensure the correct camera is selected in your video conferencing software settings.

- **Poor Video Quality:**

    - Check your network connection speed and stability.

    - Ensure the camera lens is clean and free from dust or smudges.

    - Verify that your video conferencing software is updated to the latest version.

- **Genius Framing Not Working:**

    - Ensure there are no obstructions blocking the camera's view of participants.

    - Confirm that Genius Framing is enabled in the Huddly software settings.

- **Camera Not Recognized by Computer:**

    - If using USB, try a different USB port or cable.

    - Restart your computer.

    - Ensure Huddly drivers are correctly installed and updated.

If these steps do not resolve the issue, please refer to the Huddly support website or contact their customer service.

6. SPECIFICATIONS

Feature	Specification
Brand	Huddly
Model	L1
Image Sensor	20.3 Megapixel CMOS
Video Capture Resolution	1080p (1920 x 1080)
Frame Rate	30 fps
Zoom	5x Digital Zoom
Connectivity Technology	USB 3.0, Ethernet (Network-connected)
Color	Matte Black
Item Weight	3.95 pounds
Product Dimensions (LxWxH)	11.1 x 7.5 x 3.8 inches
Hardware Platform	PC
Special Feature	Low Light Performance

7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your Huddly L1 camera or visit the official Huddly website. Huddly products are designed for durability and reliability.

If you require technical assistance, have questions about your product, or need to report an issue, please contact

Huddly customer support through their official website. Ensure you have your product model (L1) and serial number ready when contacting support.

Online Resources:

- Huddly Official Website: www.huddly.com
- Support Page: Refer to the support section on the Huddly website for FAQs, downloads, and contact options.

Related Documents - L1

Huddly L1 Release Notes March 2022	**Huddly L1 Release Notes - March 2022** Comprehensive release notes for the Huddly L1 collaboration camera, detailing software and firmware updates from version 1.0 to 1.3.3, installation instructions, system requirements, and known limitations.
H983 - ADA Camera Mount for Huddly GO & Huddly IQ	**Heckler Design ADA Camera Mount Installation Guide for Huddly, Jabra, and Logitech Cameras** Comprehensive installation guide for Heckler Design's ADA Camera Mounts, compatible with Huddly GO, Huddly IQ, Jabra PanaCast, and Logitech BRIO cameras. Includes step-by-step instructions, tools needed, and components.
CCS-UC-1-X KIT Crestron Mercury® X Tabletop UC Video Conference System	**Crestron Mercury X Tabletop UC Video Conference System (CCS-UC-1-X KIT)** Crestron Mercury X Tabletop UC Video Conference System (CCS-UC-1-X KIT) provides a complete solution for open-platform UC applications, integrating the Crestron Mercury X, Huddly IQ Camera, and HD-RX-USB-2000-C receiver for enhanced audio and video collaboration.
Huddly Compliance information	**Huddly IQ Compliance Information** Comprehensive compliance information for Huddly IQ video conferencing cameras, detailing safety, regulatory, and environmental standards across EU, US, Canada, Mexico, Russia, EAEC, China, and Australia/New Zealand.
proAV UC GUIDE	**Crestron Flex for Zoom Rooms UC Guide** A comprehensive guide to Crestron Flex solutions for Zoom Rooms, detailing various configurations for small, medium, and large meeting spaces, including features like high-definition video conferencing, simplified deployment, intuitive user interfaces, and BYOC capabilities. The guide also covers Crestron management tools and workplace analytics.

[Poly G7500, Studio G62, Studio X Systems Compatibility Guide for VideoOS 4.4.0](#)
Comprehensive compatibility guide for Poly G7500, Studio G62, and Studio X video conferencing systems with Poly VideoOS 4.4.0. Details supported cameras, audio devices, and controllers for Poly Video, Teams Rooms, Zoom Rooms, and more.