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MAXHUB UC P10

MAXHUB UC P10 HD 1080p Pro PTZ Camera User Manual

Model: UC P10

Brand: MAXHUB

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your MAXHUB UC P10 HD 1080p Pro PTZ Camera. The UC P10 is designed for professional video conferencing, streaming, and recording, offering 1080p image quality with 12x optical zoom and 16x digital zoom capabilities. It features advanced image processing technologies like 2D/3D DNR and WDR for clear visuals in various lighting conditions, and supports wide-angle pan and tilt control with 255 programmable presets.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- MAXHUB UC P10 PTZ Camera
- USB Cable
- User Manual

3. PRODUCT OVERVIEW

The MAXHUB UC P10 camera features a robust design with a high-quality lens and various connectivity options for versatile use.



Figure 3.1: Front-side view of the MAXHUB UC P10 PTZ Camera, showing the lens and base with 'STANDBY' and 'POWER' indicators.



Figure 3.2: Rear view of the MAXHUB UC P10 PTZ Camera, displaying the USB 3.0 port, Line In audio input, RS232 In/Out ports, and DC 12V power input.

The camera's base includes indicators for standby and power status. The rear panel provides essential ports for connectivity and control.

4. SETUP

4.1 Connecting the Camera

1. **Power Connection:** Connect the provided DC 12V power adapter to the 'DC 12V' port on the rear of the camera and plug it into a power outlet. The power indicator on the front will illuminate.
2. **USB Connection:** Connect the supplied USB cable from the 'USB 3.0' port on the camera to an available USB port on your computer or conferencing device. The camera will be recognized as a standard webcam.
3. **Audio Input (Optional):** If using an external microphone, connect it to the 'LINE IN' port on the camera.
4. **RS232 Control (Optional):** For external control systems, connect the RS232 cable to the 'RS232 IN' port. Refer to your control system's documentation for specific wiring and protocol details.

4.2 Initial Configuration

Once connected via USB, the camera is typically plug-and-play and does not require specific driver installation on most operating systems. Verify the camera is recognized in your video conferencing software (e.g., Zoom, Microsoft Teams, Google Meet) by selecting 'MAXHUB UC P10' as the video input device.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** The camera powers on automatically when connected to power. To place it in standby, use the remote control (if included) or compatible software.
- **Pan, Tilt, Zoom (PTZ) Control:** Use the provided remote control or compatible software to adjust the camera's pan (horizontal movement), tilt (vertical movement), and zoom (magnification). The camera offers 12x optical zoom and 16x digital zoom for detailed viewing.
- **Image Quality:** The camera delivers 1080p resolution. Its 2D and 3D Digital Noise Reduction (DNR) and Wide Dynamic Range (WDR) technologies enhance image clarity and color accuracy, especially in challenging lighting conditions.

5.2 Presets

The UC P10 supports up to 255 camera position presets. This allows you to save specific pan, tilt, and zoom settings and recall them instantly. Refer to your remote control or software interface for instructions on setting and recalling presets.

5.3 Integration with Control Systems

The camera can be integrated into professional AV control systems via its RS232 interface. This enables advanced control over PTZ functions and other settings. Consult the MAXHUB technical documentation for the RS232 communication protocol.

6. MAINTENANCE

- **Cleaning the Lens:** Gently wipe the camera lens with a soft, dry microfiber cloth. Avoid using harsh chemicals or abrasive materials that could scratch the lens.
- **Cleaning the Body:** Use a soft, damp cloth to clean the camera body. Ensure no liquid enters the ports or openings.
- **Storage:** When not in use for extended periods, store the camera in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No video output	Loose USB cable, incorrect camera selection in software, no power.	Check USB and power connections. Ensure the MAXHUB UC P10 is selected as the video source in your application.
Poor image quality	Dirty lens, insufficient lighting, incorrect software settings.	Clean the lens. Improve room lighting. Check video resolution settings in your software.
PTZ controls unresponsive	Remote control battery low, software not connected, RS232 issue.	Replace remote batteries. Ensure software is properly connected to the camera. Verify RS232 connections and protocol.
Camera not recognized by computer	Faulty USB cable, USB port issue, operating system conflict.	Try a different USB port or cable. Restart your computer. Ensure your operating system is up to date.

8. SPECIFICATIONS

Feature	Detail
Brand	MAXHUB
Model	UC P10
Item Weight	5.46 pounds
Package Dimensions	9.8 x 9 x 9 inches
Photo Sensor Technology	CMOS
Video Capture Resolution	1080p
Connectivity Technology	USB
Optical Zoom	12x
Digital Zoom	16x
Special Feature	Low Light performance
Supported Audio Format	AAC, PCM
Screen Size (Visible diagonal)	2.7 Inches / 7 cm

9. WARRANTY INFORMATION

MAXHUB products are covered by a limited warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the official MAXHUB website or contact MAXHUB customer support directly. Please retain your proof of purchase for warranty claims.

10. SUPPORT

For technical assistance, product inquiries, or further support, please visit the official MAXHUB support page or contact their customer service department. You can often find FAQs, drivers, and additional resources on the manufacturer's website.

MAXHUB Official Website: www.maxhub.com

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