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› TOALLIN WL568 Wireless PTZ Conference Camera User Manual

TOALLIN WL568

TOALLIN WL568 Wireless PTZ Conference Camera User Manual

Model: WL568

1. INTRODUCTION

The TOALLIN WL568 Wireless PTZ Conference Camera is designed for high-quality video conferencing, live streaming, and online teaching. It features 10X optical zoom, 1080P Full HD resolution, and 5.8Ghz wireless connectivity, offering flexibility and clear visuals for various professional and educational environments.

2. PRODUCT OVERVIEW

Familiarize yourself with the components and ports of your TOALLIN WL568 camera.

Appearance Display

Pan: -170° ~ +170°
Tilt: -30° ~ +90°

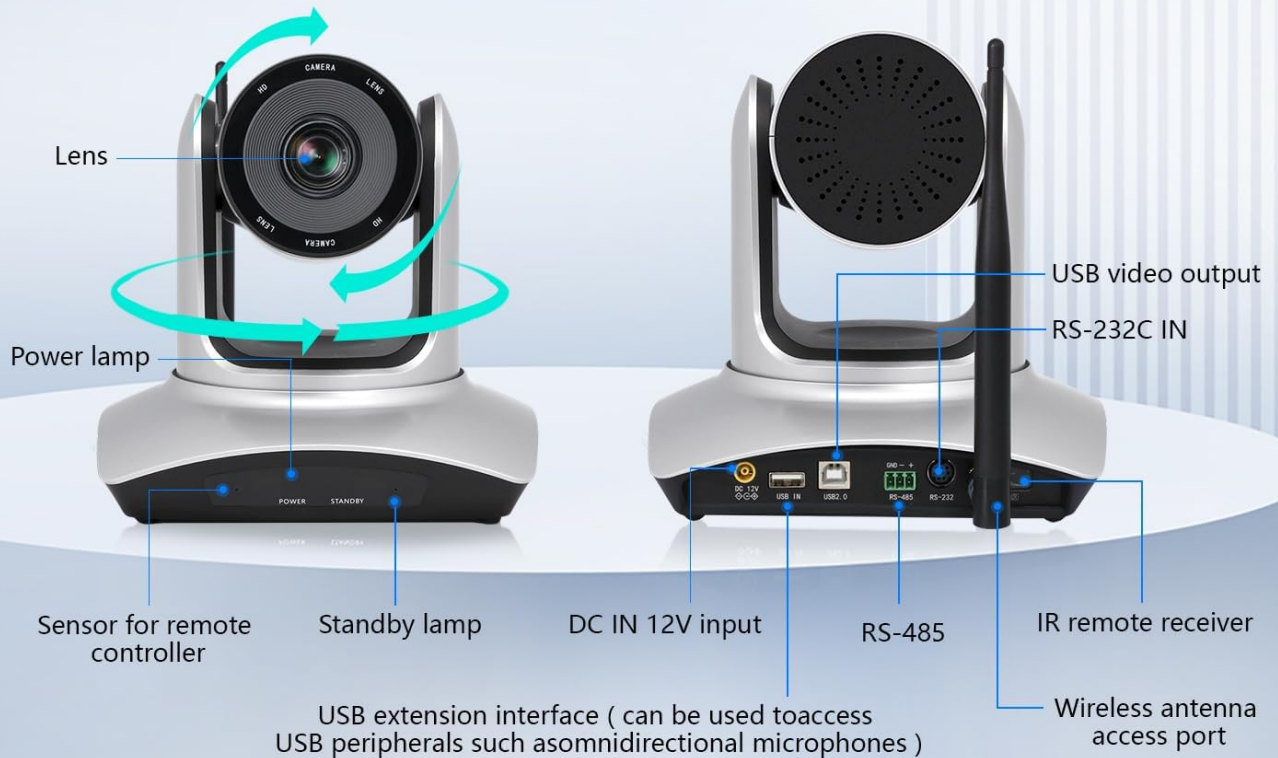


Image: TOALLIN WL568 Camera Appearance Display with labeled ports and features.

- **Lens:** Captures video feed.
- **Power Lamp:** Indicates power status.
- **Sensor for Remote Controller:** Receives signals from the IR remote.
- **Standby Lamp:** Indicates standby status.
- **DC IN 12V Input:** Power connection port.
- **USB Extension Interface:** Can be used to connect USB peripherals like omnidirectional microphones.
- **RS-485 / RS-232C IN:** Control interfaces for advanced integration.
- **Wireless Antenna Access Port:** For connecting the wireless antenna.
- **USB Video Output:** For wired connection to a computer.

3. WHAT'S IN THE BOX

Verify that all items are present in the package:

- Camera body
- IR Remote Controller
- Wireless Antenna (x2)
- USB Receiver
- Power Adapter

4. SETUP GUIDE

4.1 Wireless Connection

1. Connect one wireless antenna to the camera body.
2. Connect the second wireless antenna to the USB receiver.
3. Plug the USB receiver into an available USB port on your computer.
4. The camera and receiver will automatically pair. This process may take several seconds to complete before the video feed appears.

How to Install a Wireless Connection

1. Connect the antenna to the camera
2. Plug the USB receiver (with antenna) into the USB port on your computer
3. After the wireless automatic pairing is completed, it may take tens of seconds to display



Image: Steps for wireless connection setup.

Note: For wired connection mode, turn off the wireless mode switch located at the bottom of the camera and connect via the provided USB cable.

4.2 Camera Placement

The camera offers flexible placement options:

- Directly on a conference room desktop.
- Mounted on a tripod.
- Installed on a wall mount support.

How to Place your Camera

1. Place directly on the conference room desktop
2. Install it on a tripod
3. Place on a wall mount support



Image: Various camera placement options.

4.3 Initial Power On

Connect the power adapter to the camera and a power outlet. The power lamp will illuminate, indicating the camera is receiving power.

Your browser does not support the video tag.

Video: Demonstrates the initial setup process, including connecting antennas and the USB receiver, and showing the camera's functionality with remote control.

5. KEY FEATURES

- **5.8Ghz Wireless Connectivity:** Offers stable transmission up to 15 meters indoors with low latency, allowing flexible camera placement without cables.
- **Pan & Tilt & 10X Optical Zoom:** Pan angle of $\pm 170^\circ$ and Tilt angle of -30° to $+90^\circ$. The 10X optical zoom with auto-focus (manual focus optional) ensures clear visuals at any distance.
- **FHD 1080P Resolution:** Built-in 1/2.8" CMOS Sensor delivers 2 million pixels high-quality video.
- **71° Wide Angle View:** Ensures all participants are visible during meetings.
- **Plug and Play Setup:** No drivers or apps required for installation.
- **Wide Compatibility:** Compatible with Windows 7 or above, MacOS, Linux, Android, and major conferencing software like Zoom, Skype, Webex, GoToMeeting, and Microsoft Teams.

5.8G Wireless PTZ Conference Camera

Up to 15 meters indoor stable transmission distance, with 5.8G USB receiver, cable-free to connect your camera, enjoy your online meeting and streaming anywhere.



Image: 5.8G Wireless Connectivity in a conference setting.

10X Optical Zoom

10X optical zoom, with remote control, makes you look originally clear at any distance.



Image: 10X Optical Zoom in action.

Full HD 1080P Resolution

Outputs 2 mega pixels high quality images and videos



Image: Full HD 1080P Resolution output.

Max 71° Wide Angle View

With no zoom, the maximum FOV is 71 degrees, ensure everyone can be seen in meeting rooms of different sizes.



Image: Max 71° Wide Angle View.

6. OPERATION

6.1 Remote Control Functions

The camera's Pan, Tilt, and Zoom (PTZ) functions are controlled using the included IR remote controller. Point the remote at the camera's IR receiver.

IR Remote Control

Easy to set and control the camera's multiple functions



- | | |
|---|--|
| <ul style="list-style-type: none">❶ IR TRANSMIT❷ POWER❸ PAN-TILT RESET❹ CAMERA SELECT❺ POSITION:(Number area;PRESET: press PRESET then press 1-9 for set up preset position)❻ RESET:(Press RESET and then press1-9 for eliminate preset position)❼ MENU❽ PAN-TILT ; HOME for return middle position❾ CLOSE THE MENU | <ul style="list-style-type: none">❿ INFO:Screen information display⓫ Reserved buttons have no function⓬ FOCUS: (auto or manual)⓭ ZOOM:(Telephoto or Wide Angle)⓮ F1:Press and hold for 3 seconds to quickly switch the image normal and inversion⓯ F2:Press and hold for 3 seconds to quickly restore the factory settings⓰ F3:Press and hold for 3 seconds to quickly switch the image normal and mirror⓱ Brightness adjustment: bright-/ bright+⓲ BACK LIGHT |
|---|--|

Image: IR Remote Control layout and functions.

Key remote functions include:

- **POWER:** Turns the camera on/off.
- **PAN-TILT RESET:** Resets the camera's pan and tilt position.
- **POSITION (1-9):** Use to set and recall preset camera positions. Press**PRESET** then a number (1-9) to save. Press a number (1-9) to recall.
- **RESET:** Press **RESET** then a number (1-9) to eliminate a preset position.
- **MENU:** Accesses the camera's on-screen menu.
- **PAN-TILT:** Moves the camera horizontally (pan) and vertically (tilt).**HOME** returns the camera to its middle position.
- **ZOOM:** Adjusts the optical zoom (Telephoto for zoom in, Wide Angle for zoom out).
- **FOCUS:** Adjusts focus (auto or manual).
- **F1:** Press and hold for 3 seconds to quickly switch image normal and inversion.
- **F2:** Press and hold for 3 seconds to quickly restore factory settings.
- **F3:** Press and hold for 3 seconds to quickly switch image normal and mirror.
- **BRIGHTNESS:** Adjusts image brightness.
- **BACK LIGHT:** Controls backlight compensation.

6.2 Software Compatibility

Once connected, the camera functions as a standard webcam and is compatible with most video conferencing and streaming software. Select "TOALLIN WL568 Camera" as your video input device within your chosen application settings.

7. MAINTENANCE

To ensure optimal performance and longevity of your TOALLIN WL568 camera:

- Keep the camera lens clean using a soft, dry, lint-free cloth. Avoid abrasive cleaners.
- Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid exposing the camera to moisture or liquids.
- Do not attempt to disassemble or repair the camera yourself, as this will void the warranty.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No video output after connection.	Antennas not properly connected. USB receiver not recognized. Wireless pairing not complete. Incorrect camera selection in software.	Ensure both antennas are securely attached. Try a different USB port on your computer. Wait for automatic pairing to complete (up to 30 seconds). Select "TOALLIN WL568 Camera" in your application's video settings. Ensure wireless mode is ON (if using wireless) or OFF (if using wired USB).
Remote control not responding.	Line of sight blocked. Low battery in remote. IR receiver on camera obstructed.	Ensure a clear path between remote and camera. Replace remote control batteries. Check for obstructions on the camera's IR receiver.
Video quality is poor or blurry.	Lens is dirty. Focus is incorrect. Insufficient lighting.	Clean the camera lens. Use the remote to adjust focus (auto or manual). Ensure adequate lighting in the environment.

9. SPECIFICATIONS

Feature	Detail
Brand	TOALLIN
Model Number	WL568
Connectivity Technology	Wi-Fi (5.8Ghz)
Video Capture Resolution	1080p Full HD
Effective Still Resolution	2 MP
Photo Sensor Technology	CMOS (1/2.8-inch)
Optical Zoom	10x
Pan Angle	±170°
Tilt Angle	-30° to +90°
Field of View (FOV)	71° (max)
Focus Type	Auto Focus, Manual Focus
Operating System Compatibility	Windows 7+, MacOS, Linux, Android
Form Factor	Desk/Tabletop, Wall/Ceiling Mountable
Item Weight	2.6 Kilograms

10. WARRANTY AND SUPPORT

The TOALLIN WL568 Wireless PTZ Conference Camera comes with a **1-Year Warranty** from the date of purchase. For any product-related issues, technical assistance, or warranty claims, please contact TOALLIN customer support. We provide 7*24-hours customer support to assist you. You can find contact information on the official TOALLIN website or through your purchase platform.

