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**for the marketing purpose)**

# **Camera Hub (WiFi Extender)**



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# User Guide

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# Chapter 1

## Introduction



*This Chapter provides an overview of the Camera Hub's features and capabilities.*

Congratulations on the purchase of your new Camera Hub (WiFi extender). The WiFi extender is a consumer electronic device, which is designed to extend the WiFi signal for all appliances of your home, major from IP cameras, and video doorbells. It allows you to increase WiFi speed and range by taking the signal from a home router and retransmit to the furthest corner of your house. Most of the devices can be paired with the extender by just pressing one button.

### Package Contents

The following items should be included:

- Camera Hub Unit x 1

If any of the above items are damaged or missing, please contact your dealer immediately.

### Features

- MT7620DA processor with 32MB Flash and 64MB RAM
- Bluetooth 4.2
- Extend WiFi Range
- Smart LED Indicators
- Two External Antennas
- WPS Function
- Easy to Install
- Compact Design

## LEDs

### Front Panel

The Camera Hub has 4 LEDs.



<b>POWER (Blue)</b>	<ul style="list-style-type: none"> <li>• <b>On</b> - Power On/Normal Operation</li> <li>• <b>Off</b> - Power Off</li> <li>• <b>Flashing</b> - Booting</li> </ul>
<b>LAN (Blue)</b>	<ul style="list-style-type: none"> <li>• <b>On</b> - WiFi normal operation</li> <li>• <b>Off</b> - WiFi disable</li> <li>• <b>Flashing</b> - WPS active (follow WiFi standard) or WiFi Traffic</li> </ul>
<b>WAN (Blue)</b>	<ul style="list-style-type: none"> <li>• <b>On</b> - Connected to the Internet</li> <li>• <b>Off</b> - Not connected to the Internet</li> <li>• <b>Flashing</b> - Connecting to the Internet</li> </ul>
<b>DEVICE (Blue)</b>	<ul style="list-style-type: none"> <li>• <b>On</b> - Connected to a IP Camera or a Doorbell device</li> <li>• <b>Off</b> - Not connected to a device</li> <li>• <b>Flashing</b> - Paring to a new device</li> </ul>

## Rear/Side Panel



<b>Power Plug</b>	Connect the power plug to a wall socket.
<b>Reset</b>	<p>This button has two (2) functions:</p> <ul style="list-style-type: none"> <li>• <b>Reboot.</b> When pressed and released, the Camera Hub will reboot (restart).</li> <li>• <b>Clear All Data.</b> This button can also be used to clear ALL data and restore ALL settings to the factory default values.</li> </ul> <p>To Clear All Date and restore the factory default values:</p> <ol style="list-style-type: none"> <li>1. Power On.</li> <li>2. Keep holding the <i>Reset</i> Button down for 3 seconds.</li> </ol> <ul style="list-style-type: none"> <li>• Release the Reset Button. The Camera Hub is now using the factory default values.</li> </ul>
<b>WPS Button</b>	<p>Push the WPS button more than 3 seconds to trigger WPS pairing process with voice (PBC mode).</p> <ul style="list-style-type: none"> <li>• During the pairing process, the LAN LED will fast blink until WiFi is successfully connected.</li> </ul>

## Chapter 2

# Initial Installation

# 2

*This Chapter covers the device installation of the WiFi extender.*

## Requirements

- None of cables required for the installation.

## Procedure

### 1. Choose an Installation Site

Select a suitable place to install the Camera Hub.

### 2. Power Up

Place the extender near the existing router. Provide the power to the extender so plug it into a wall socket or a power strip. The LEDs light will be ON and make a welcome sound to notice the extender is boot up successfully.



### 3. Check the LEDs

- All 4 LEDs shall be ON when the power is supplied to the extender.
- The *Power* LED should be ON
- The *LAN* LED should be ON
- The *WAN* LED should be ON
- The *Device* LED should be ON

# Chapter 3

## Configuration

*This Chapter provides Setup details of the WiFi extender.*

### Configuration

The WiFi extender can offer customers with extending wireless communication between devices and the router wherever at home. This extender is designed to provide reachable network connection with all certified devices especially for IP cameras, security doorbells and other WiFi devices.

#### Configuring WiFi extender via WPS Button

In this case, make sure an existing router. Follow the steps given below.

- Allocate the extender to a near router or an AP. Power on the extender; plug it into the wall socket or a power strip. It is recommended to press the WPS button on the extender within 2 minutes after you have pressed the WPS button on your router or AP.
- To confirm the pairing process done successfully, check the LAN LED light is fast blinking. Also see the WPS LED light on your router, it will stark blinking.
- It will take for a while (about 2 minutes) then will get connected to the router. The extender WAN LED light up after successful Internet connection between the two devices.





# Appendix A

## Specifications

### Camera Hub

Model	Camera Hub (WiFi Extender with Chime)
Dimensions	130mm (H) x 128mm (W) x 72mm (D)
Operating Temperature	0°C - 40°C (32°F - 104°F)
Buttons	2 (1 Reset, 1 WPS button)
Network Protocol:	TCP/IP, 802.11 b/g/n
Bluetooth	4.2
LEDs	4
Power Input	100~120VAC, 60Hz



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## Regulatory Approvals

### FCC Statement

#### Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### IMPORTANT NOTE:

##### Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Country Code selection feature to be disabled for products marketed to the US/CANADA

Operation of this device is restricted to indoor use only

- **FCC RF Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.