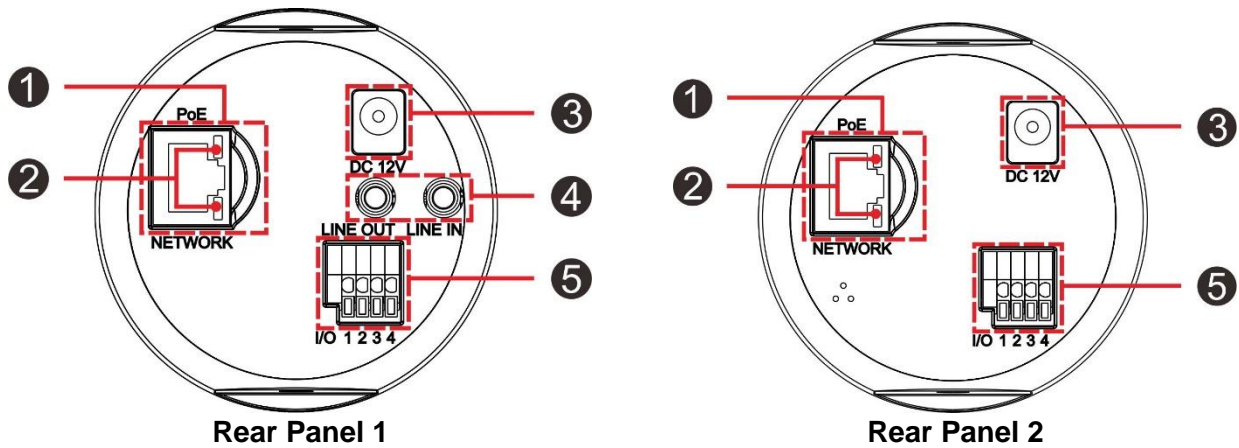# VMS-CMB-E-MZ

## 1080p Ultra-WDR Micro Bullet IP Camera

This guide is for quick installing and connecting the Full HD Multiple Streams Ultra-WDR Micro Bullet IP Camera. For more details, please refer to the User's Manual of the camera in the supplied CD.
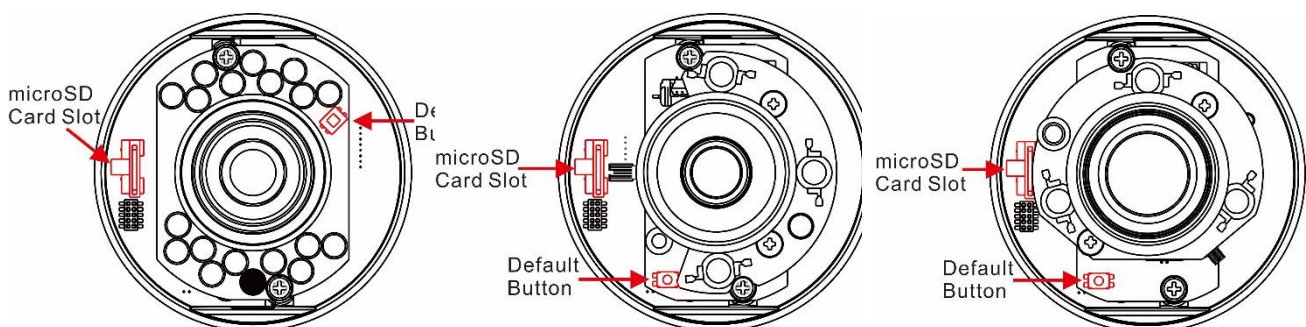
## Camera's Connectors (Indoor Only)



**Rear Panel 1**                    **Rear Panel 2**

| No. | Connector | Definition | | | |
|-----|-----------|------------|---|---|---|
| 1 | **PoE NETWORK** | For network and PoE connections | | | |
| 2 | **Network LEDs** | For network connection and activity indication | | | |
| 3 | **Power Jack (DC 12V)** | Power connection | | | |
| 4 | **Audio I/O** | Two-way audio transmission | | | |
| 5 | **Alarm I/O** | 1 | Alarm Out − | 3 | Alarm In − |
|   |  | 2 | Alarm Out + | 4 | Alarm In + |

## microSD Card Slot / Default Button (Indoor and Outdoor Models)
The position of the microSD card slot and the default button are shown as below.

## microSD Card Slot

Insert the microSD card into the card slot to store videos and snapshots. Do not remove the microSD card when the camera is powered on.

⚠️ **NOTE:** It is not recommended to record with the microSD card for 24/7 continuously, as it may not be able to support long term continuous data read/write. Please contact the manufacturer of the microSD card for information regarding the reliability and the life expectancy.

## Default Button

Press the button with one figure for at least 20 seconds to restore the system.

## IP Camera Installation

Please follow the instructions below to complete IP Camera installation.

## Power up the Camera

To power up the IP Camera, please plug the camera's DC 12V Cable into the power terminal block. Alternatively, users can power the camera by PoE. Refer to the following section to connect Ethernet Cable for PoE connection.

⚠️ **NOTE:** If PoE is used, make sure Power Sourcing Equipment (PSE) is in use in the network.
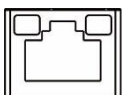
## Ethernet Cable Connection

Connect one end of the CAT5 Ethernet Cable to the RJ-45 connector of the IP Camera, and the other end of the cable to the network switch or PC.

⚠️ **NOTE:** In some cases, Ethernet Crossover Cable might be needed when connecting the IP Camera directly to the PC.

⚠️ **NOTE:** Check the status of the link indicator and activity indicator LEDs. If the LEDs are unlit, please check the LAN connection.

Green Link Light indicates good network connection.

Orange Activity Light flashes for network activity indication.

## Function Cables (Outdoor Only)

**RJ-45 Cable**                                    **RJ-45 & DC 12V Cable**

| No. | Connector | Definition |
|-----|-----------|------------|
| 1 | **RJ-45** | For network and PoE connections |
| 2 | **Power Jack (DC 12V)** | Power connection |

## Before Login to the Camera

A client program will be automatically installed to the PC when connecting to the camera. Before logging in to the camera, please ensure downloading the ActiveX control is allowed by either changing the ActiveX controls and plug-ins or setting Internet's security level to default. For further details, please refer to the User's Manual in the supplied CD.

| ActiveX Controls and Plug-ins Settings | Internet Security Level |
|----------------------------------------|-------------------------|
| **Step 1:** Start the Internet Explorer (IE). | **Step 1:** Start the Internet Explorer (IE). |
| **Step 2:** Select <Tools> from the main menu of the browser. Then click on <Internet Options>. | **Step 2:** Select <Tools> from the main menu of the browser. Then click on <Internet Options>. |
| **Step 3:** Click on the <Security> tab and select <Internet>, and click on <Custom level> to change ActiveX settings. | **Step 3:** Click on the <Security> tab and select <Internet>. |
| **Step 4:** Set "ActiveX controls and plug-ins" items to <Prompt> or <Enable>. | **Step 4:** Down the page, click <Default Level> and click on <OK> to confirm the setting. Close the browser window, and open a new one later for accessing the IP camera. |

## Camera Login

The default IP address of the camera is: **192.168.0.250**. Therefore, to access the camera for the first time, please set the IP address of the PC as: 192.168.0.XXX; for example:

**IP Address: 192.168.0.100**

**Subnet Mask: 255.255.255.0**

### Login ID and Password

- Key in the camera's IP address in the URL bar of the web browser window and hit on "Enter".
- Enter the default username (**Admin**) and password (**1234**) in the prompt request dialogue. Note that username is case sensitive.

### Install the ActiveX Control

- After connecting to the camera, the request for installing the ActiveX control will appear just below the URL bar.
- Right click on the information bar, and then click on <Install ActiveX Control…> to permit ActiveX control installation.

- In the pop-up security warning window, click on <Install> to start downloading DC Viewer software on the PC.
- Click on <Finish> after DC Viewer installation is completed.

## Browser-based Viewer

The main page of the IP camera user interface is shown as the figure below. Please note that function buttons will vary depending on the camera model.



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