



Surveillance Dome Camera
ZEB **IPPDSL5**



User Manual

www.zebeye.com

Dear Customer,

Hello Zebee, please refer to this user manual for optimum usage of **ZEB-IPPDSL5** CCTV Surveillance Dome Camera.

Features

- **ICR (Infrared Cut Removable Filter) :** Automatic day/night mode switching for clear images.
- **AGC (Automatic Gain Control) :** Adjusts sensitivity for varying light conditions.
- **BLC (Back Light Compensation) :** Enhances visibility in front of bright backgrounds.
- **AWB (Auto White Balance) :** Ensures natural colors in different lighting.
- **HLC (Highlight Compensation) :** Reduces glare from bright light sources.
- **WDR (Wide Dynamic Range) :** Captures clear images in high contrast scenes.
- **DNR (Digital Noise Reduction) :** Reduces image noise for clearer pictures.
- **DWDR (Digital Wide Dynamic Range) :** Enhances image quality in challenging lighting.
- **2 IR Array LED :** Enables night vision for low light or darkness.
- **5 Mega Pixels :** High-resolution image sensor.
- **20 Meters IR Range (Max.) :** Maximum infrared illumination distance.

- **CMOS Image Sensor** : Provides better image quality.
- **Low Illumination** : Captures clear images in low light.

Specifications

| | | |
|-----------------|-------------------------------------|--|
| Camera | Image Processor | 1/2.7" CMOS Sensor |
| | Minimum Illumination | 0.03 Lux@F2.0 (Color, 30 IRE) 0.003 Lux@F2.0 (B/W, 30 IRE) 0 Lux (IR on) |
| | Image Sensor | 1/2.9" CMOS Sensor |
| | Shutter Speed | 1/50(1/60) to 1/100,000 seconds |
| | Angle of View | 3.6mm: Horizontal: 92°; Vertical: 48°; Diagonal: 109° |
| | Scanning System | Progressive Scan |
| Lens | Focus Length | 3.6 mm (Fixed) |
| | Mount Type / Lens | M12 |
| | Focus Control | Fixed |
| | Lens Type | Removable |
| | Auto Iris | Support |
| | Lens | 3.6mm |
| | Max Aperture | F2.0 |
| Night Vision | IR Cut Filter | Yes |
| | IR Range | 20-25M |
| | IR Power On | Auto Control |
| Camera Features | OSD Support | No |
| | No of IR LEDs | 2 Array IR LED |
| | Day/Night | Support |
| | Picture Adjustment | Yes |
| | WDR | Yes |
| | White Balance | Automatic |
| | AGC (Gain Control) | Auto / Manual |
| | ICR (Infrared Cut Removable Filter) | Auto(ICR)/Color/B/W |
| | Back Light Compensation | BLC / HLC / DWDR |
| | Video output | Main Stream : 2880 × 1620 (1 fps - 20 fps) 2688 × 1520 (1 fps - 25/30 fps) Sub Stream : 704 × 576 (1 fps - 25 fps) 704 × 480 (1 fps - 30 fps) |
| | Video compression | H.265 |
| | S/N Ratio | >120dB |
| Reset | Yes | |
| General | Power Consumption | DC12V±10%, 500mA to 1A / 7.5W to 10W POE |
| | Operating Temperature | 10°C ~ +60°C/ Less than 95%RH |
| | Weight | 210g |
| | Body type | ABS Plastic |
| | Dimension (Dia x H) | 10.5 x 8.7 cm |
| | Country of Origin | India |

Note : *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.

Getting Started

Unpack your camera and ensure all components are present.

- **Camera Placement** : Decide on the

installation location considering visibility, temperature, stability, and angle.

- **Cable Connection** : Connect the camera to your monitor or recording device using the appropriate cables.
- **Power Supply** : Power the camera with a DC12V power supply (matching the camera's requirements) by connecting it to the camera's power input or if the network connection is via POE switch, no external power source needed.
- **Positioning** : Adjust the camera's angle and secure it in place using the mounting screws.
- **Testing** : Verify camera functionality by checking the live feed on your monitor or recording device.

Installation

Follow the provided instructions to install the camera securely, connect cables, and position it as needed.

- **Mounting** : Securely mount the camera on a stable surface or bracket using the included mounting screws. Ensure it has a clear line of sight to the area you want to monitor.
- **Positioning** : Adjust the camera's angle to achieve the desired field of view. Tighten the mounting screws to lock it in place.
- **Cable Routing** : Carefully route the cables, keeping them tidy and out of the way. Use cable clips or ties to secure the cables to

prevent damage or tripping hazards.

- **Connecting to Power :** Connect the DC12V power supply to the camera's power input. Ensure the power supply is properly connected to a stable power source.

If the network connection is via POE switch, no external power source needed.

Configuring the IP camera

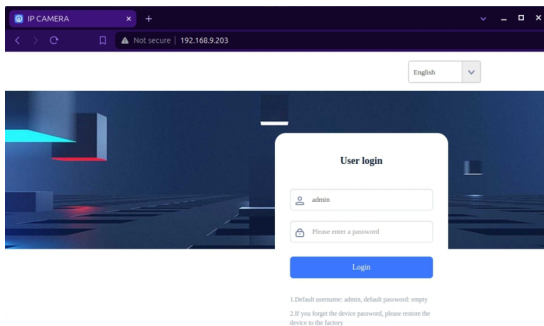
- **Searching camera IP :**

By default, the camera attains its IP by DHCP. So IP assigned to the camera can be easily obtained from the router.

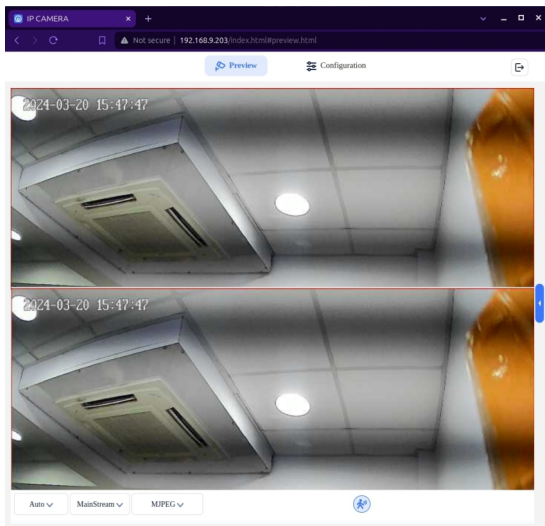
- **Logging in to the camera's web page :**

Enter the IP camera's IP address in the web browser of the computer which is connected to the same network as the IP camera. The following web page will pop-up

For the first time login - no password will be required.



After successful login, the web page will resemble like this.



- **Assigning Static IP to Camera :**

To assign the static IP address, follow these steps:

1. After logging in, navigate to Configuration → Network → IP address. This will display sub menus.
2. Click on the “IP Type” and select “Manual IP Configuration”.
3. Ensure that the checkbox for “Adaptive IP Configuration” is unchecked.
4. Enter the Static IP, Subnet Mask, and Gateway Details.
5. Click on “Save” to apply the changes.

IP CAMERA

Not secure | 192.168.9.203/index.html?ipc/pages/network/ipAddress.html

Preview Configuration

IP address

IP type: Manual IP configuration

Adaptive IP configuration

IP address: 192.168.9.203

Subnet mask: 255.255.255.0

Gateway: 192.168.9.1

Preferred DNS: 8.8.8.8

Alternative DNS: 4.2.2.2

MAC address: 5a:5a:00:6c:9f:0b

Save

- **Main Stream and Sub Stream resolution:**
To configure the main stream and Sub stream resolution, Login to the camera web page, Click on Configuration → Audio and video → Video. Now select the mainstream / substream and configure the desired resolution.

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