

Video source setup

2. Setting the video stream for each channel

Click the channel for which you want to set the video in the list of video streams.

CH 5

Attribute

Channel NameChannel Name

Video Source

URLrtsp://

TransportTCP

HTTP(S) Port0

Authentication

Username

Password

Etc

Use Cam SpeakerConnect additional audio session for transmitting sound sources.

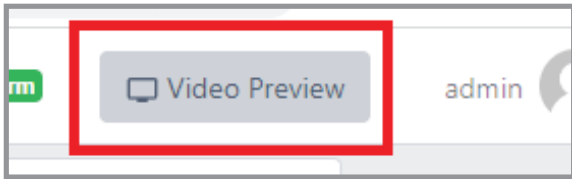
Video Buffering~500ms

ResetReconnectCancelSubmit

1. Enter the **Channel Name**
2. Enter the **RTSP URL** of the camera.
3. Select a transport protocol. The transport protocol specifies the protocol of the transport layer used to import the video stream.
4. Set the credentials needed for receiving the video stream. Usually, the ID and password of the IP camera are used.
5. If you want to use a camera speaker, check the **'Use Camera Speaker'**.
6. Set the maximum video buffering time. If, due to network conditions or camera types, video information is not transmitted smoothly and is received in a sudden burst, **AI BOX** can redistribute it into smooth videos according to the buffering setting. As the 'Video Buffering' setting is a maximum value, the actual buffering will be less than the set value if there are no problems with the camera and network performance.

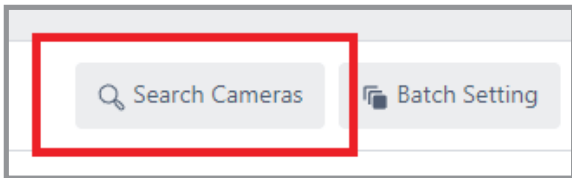
3. Check the video stream connection

Click the Video preview button in the video stream setting area to check whether the video stream is being received properly.



4. Searching for setting ONVIF cameras

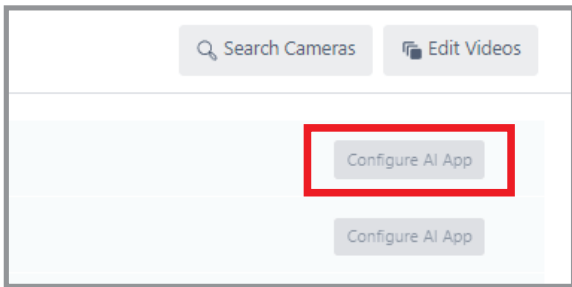
ONVIF is a physical security device interworking standard. In the case of network cameras that support the ONVIF standard, video streams can be set through search. To use the discovery feature, click the **'Search Cameras'**.



Enter the account information in the pop-up ONVIF Discovery window after clicking the Discovery button and check the video streaming list supported by the camera. Assign the stream want to analyze to a channel on the **AI BOX**.

5. Configure AI app

Once the video stream is set up and connected, click 'Configure AI App' button, select the appropriate app, and set the event action rule.



Quick Guide

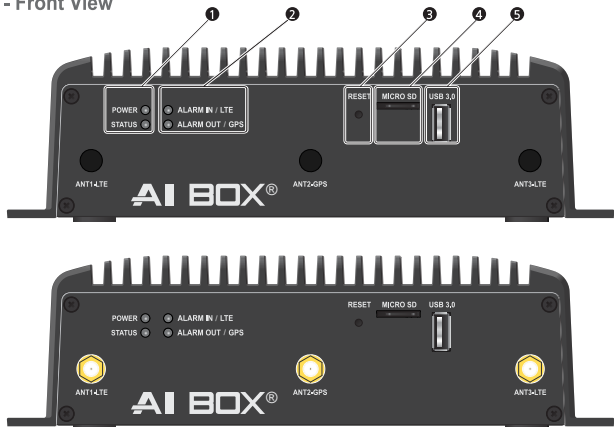
GANZ

ZN-AI BOX-PRO/LTE

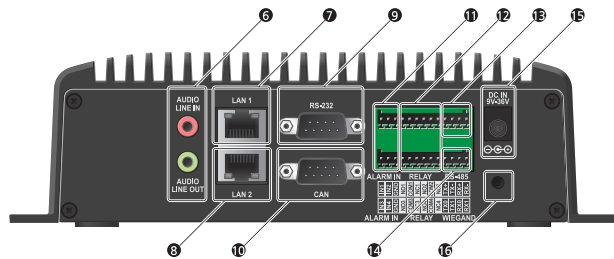
1 Installation

Front / Rear View

- Front View

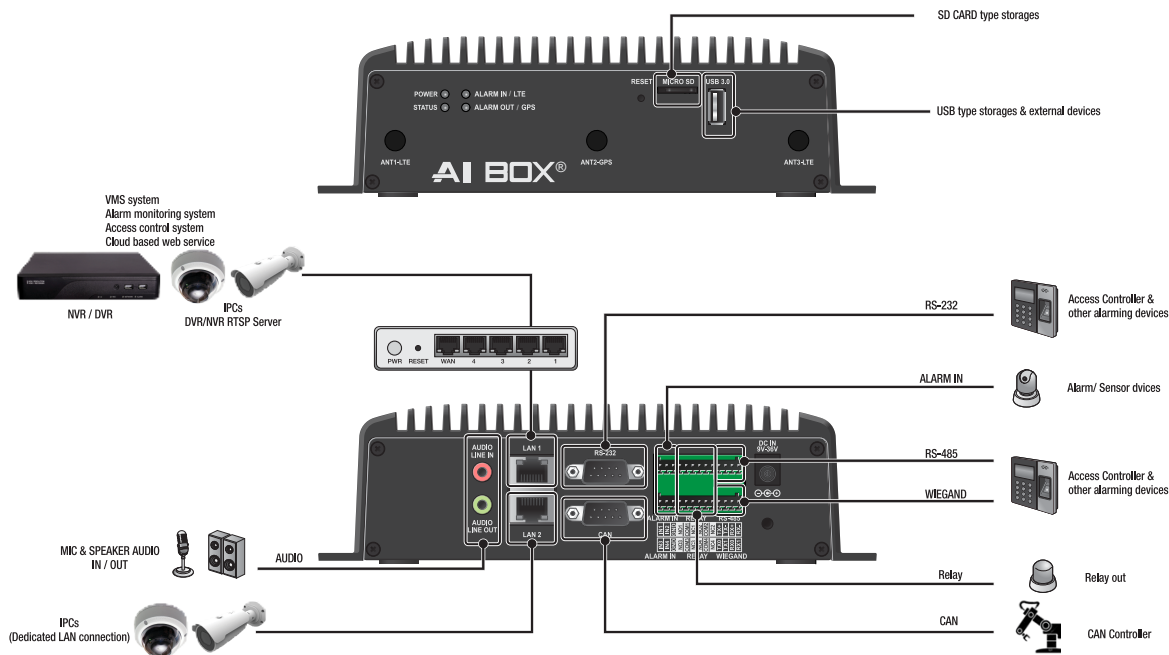


- Rear View



No.	Item	Description
1	LED	Indicator LED for POWER / STATUS
2	LED	Indicator LED for ALARM IN / ALARM OUT
3	RESET	Factory reset button.
4	MICRO SD	Slot for inserting a micro SD card.
5	USB	Universal Serial Bus(USB) port for additional devices such as USB Memory Stick
6	AUDIO	Connect the audio line input and output.
7	LAN1	RJ-45 port for connecting internet and other platforms such as interoperable VMS, recorders and IP cameras.
8	LAN2	RJ45 port for connecting IPCs and other devices through a separate LAN.
9	RS-232	Connect the remote control device for RS232 communication.
10	CAN	Connect the remote control device for CAN communication.
11	ALARM IN	Connect the sensor / alarm input signal wires.
12	RELAY OUT	Connect the relay output signal wire.
13	RS-485	Connect the remote control device for RS-485 communication.
14	WIEGAND	Connect the Wiegand input and output signal wires.
15	DC JACK	Connect the power plug of the provided 12V adapter.
16	CLAMP HOLE	DC JACK cable clamp fixed hole

Basic Layout.

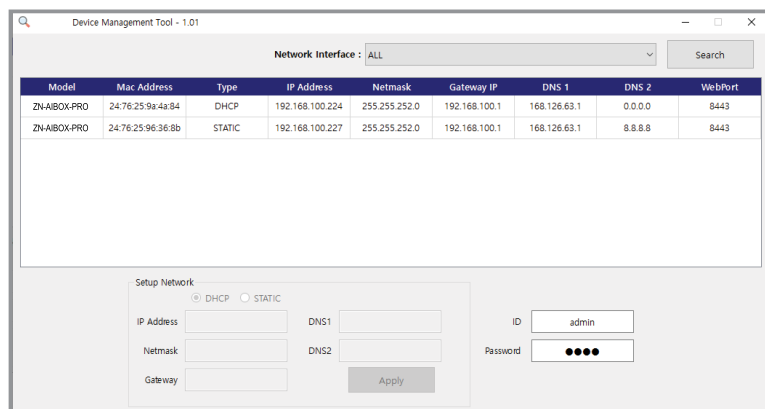


2 Network Setting

Network Connection Setting

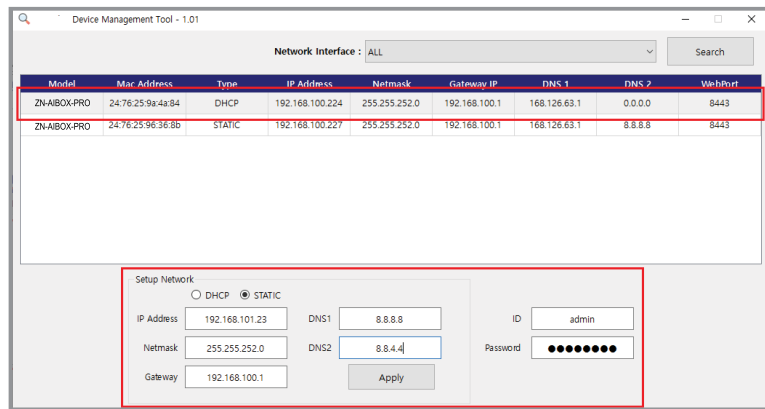
Upon installation of Device Management Tool, to configure network setting parameters AI BOX is possible to search the device's IP and set the network via the Device Management Tool program.

1. Running screen



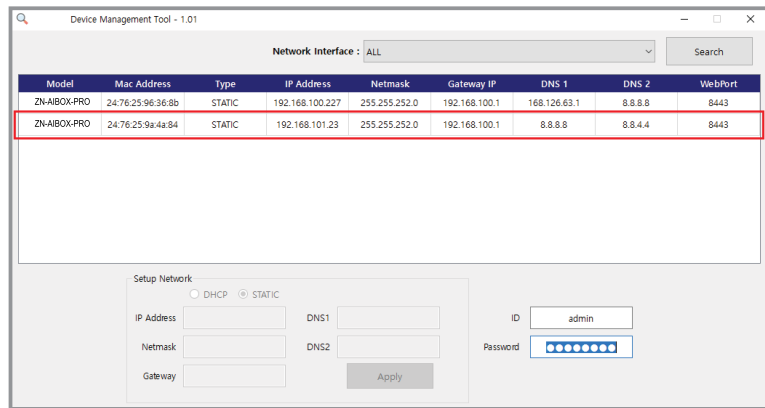
- When run for the first time, it shows a list of AI BOX connected to the network. In the ID / Password field, admin / 1234 is entered by default.
- When the AI BOX is in “factory default or factory reset” status, “1234” is set as a temporary password for network settings in the tool
- If the AI BOX is not shown, please check the network cable is connected to LAN 1 properly.

2. Setting screen



1. Click the device that wants to change the network settings from the list.
2. Enter the network information to set in the Setup Network section below.
3. Enter the ID / Password of the device.
 - If the AI BOX is in “factory default or factory reset”, enter admin / 1234.
4. Click the Apply button.

3. Screen after settings applied

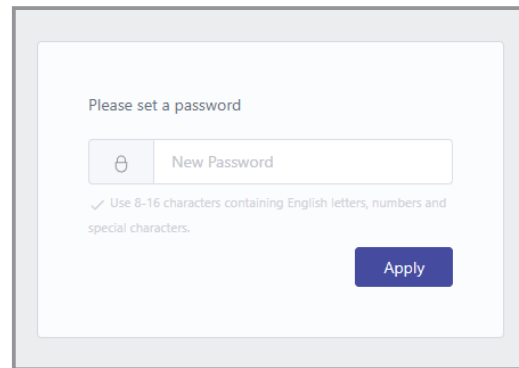


1. After a while by pressing the Apply button, the network setting of the device will be updated in the list.
 - If the network settings have not been changed, it is due ID or Password being incorrect, please check again.
2. After setting the network, double-click the device information in the list to access the AI BOX.
 - The AI BOX webpage will open in the default browser in Windows.

3 Connection

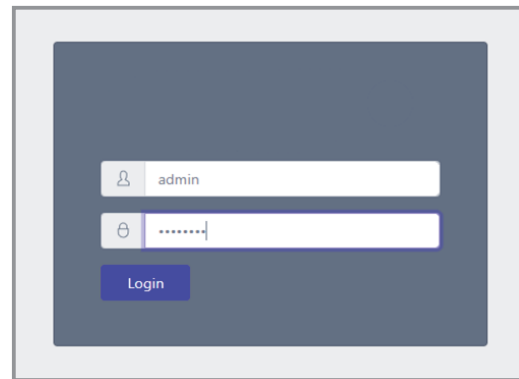
Initial access

1. Initial password setting of Device



When accessing the AI BOX for the first time, the initial password setting UI is displayed. Set the password want to use. The password can use the alphabet, numbers, and special characters, and it should be set to 8 to 16 characters

2. Accessing to Device and setting the remote support settings



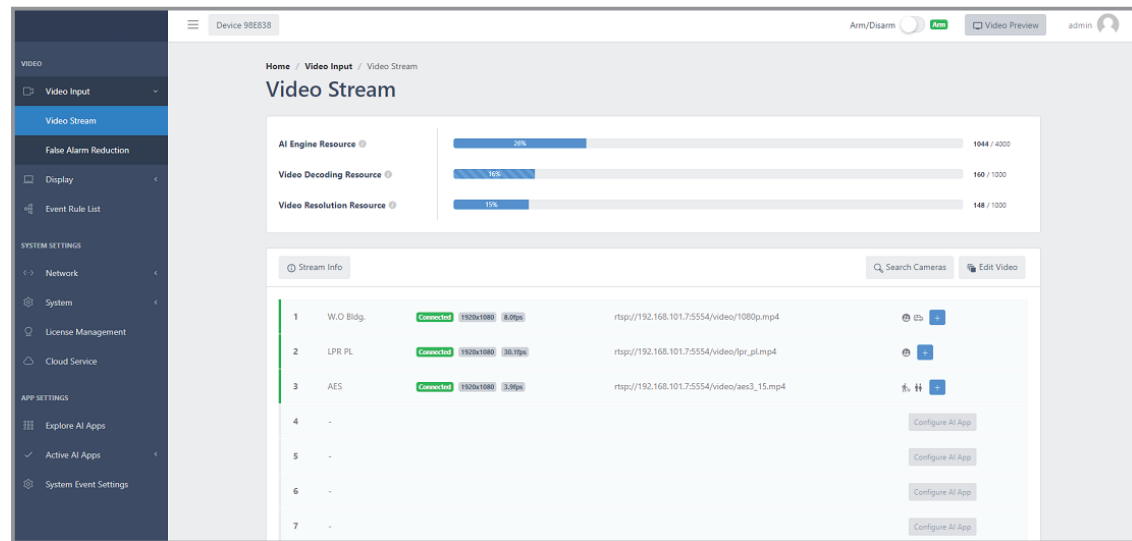
Log in using the device's account information using admin as the ID and the password set in the previous step.

4 Setup

Video source setup

1. Camera video input setting

To enable the AI BOX to receive and analyze video from a camera, you must first set up the camera's connecting information.



Click the 'Video Stream' in the sidebar navigation menu displays the settings menu for receiving video from the camera.

1. The 'AI Engine Resource' displays usage relative to maximum AI processing capability. Each app requires a different AI processing capacity, so be careful not to set over the maximum processing. The 'Video Decoding Resource' shows current usage based on the maximum amount of video the AI BOX can receive and process from the camera. The 'Video Resolution Resource' shows the usage against the maximum resolution available on the AI BOX. No item will exceed the limit.
2. The 'Video Stream' settings allows you to set the video stream information accessible over the network.