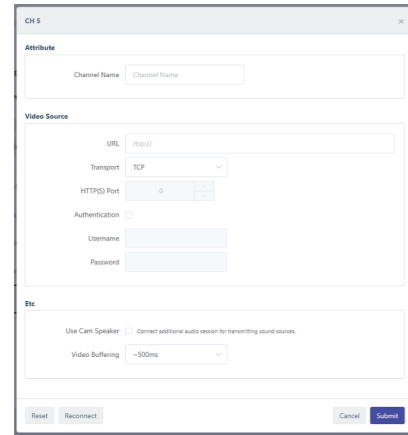


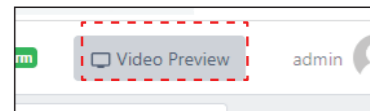
## 2. Video Stream For Each Channel Setting

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



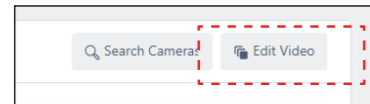
- ① Enter the **Channel Name**
- ② Enter the **RTSP URL** of the camera.
- ③ Select a transport protocol. The transport protocol specifies the protocol of the transport layer used to import the video stream.
- ④ Set the credentials needed for receiving the video stream. Usually, the ID and password of 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 Setting



You can check that the video stream you have set up is being received correctly. To check the receiving video stream, click the **'Video Preview'**.

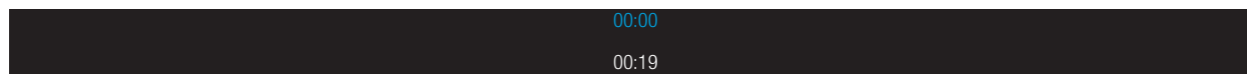
## 4. Multiple channels of video stream at once



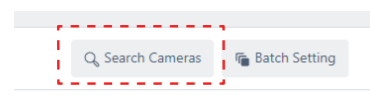
Set up multiple channels of video streams at once. You can set up multiple channels of video streams in bulk using copy and paste, as well as features such as Apply to All. To use the Bulk Setup feature, click the **'Edit Video'** button in the Video Stream Settings area.

The 'Batch Setting' allows you to set the name, RTSP URL, transport, and authentication information for all channels at once. The settings you enter in the Apply All line at the top can be applied to all channels by clicking the tick button for each setting.

Video clip guide (Refer to the on-line [Technical document](#))

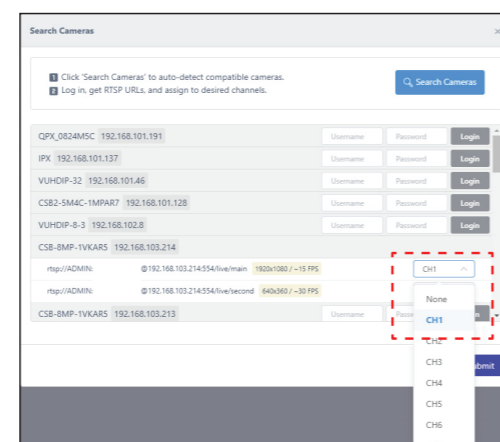
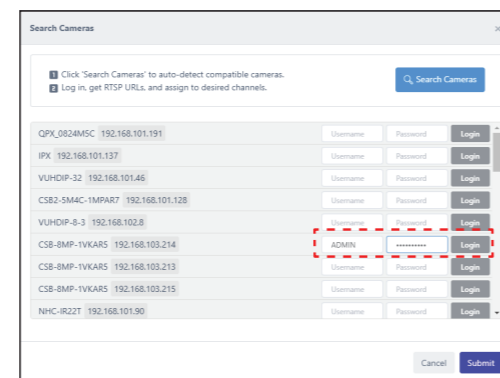
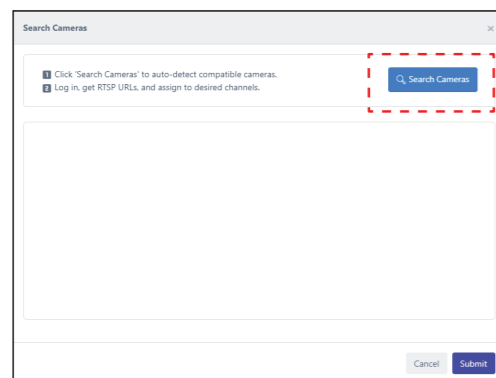


## 5. Searching for setting ONVIF cameras



ONVIF is a standard for the interoperability of physical security devices. For network cameras that support the ONVIF standard, you can set up video streams using Discovery. To use the discovery feature, click the **'Search Cameras'**.

Search for your camera in the ONVIF search pop-up, then enter your credentials to see a list of video streams supported by your camera. Assign the streams you wish to analyze to a channel on the AI Box.



## Quick Guide



# ZN-AIBOX-STD

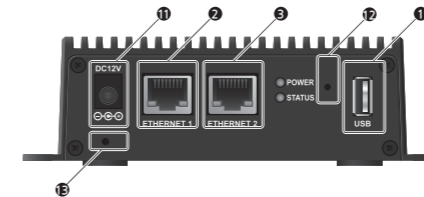


If you want to download the data or a backup player, Please scan the QR code or use the website ([www.ganzsecurity.com](http://www.ganzsecurity.com))

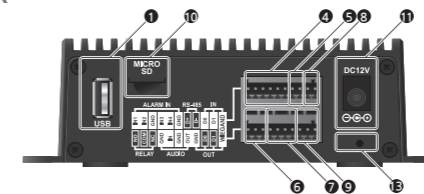
# 1 Installation

## Front / Rear View

- FRONT



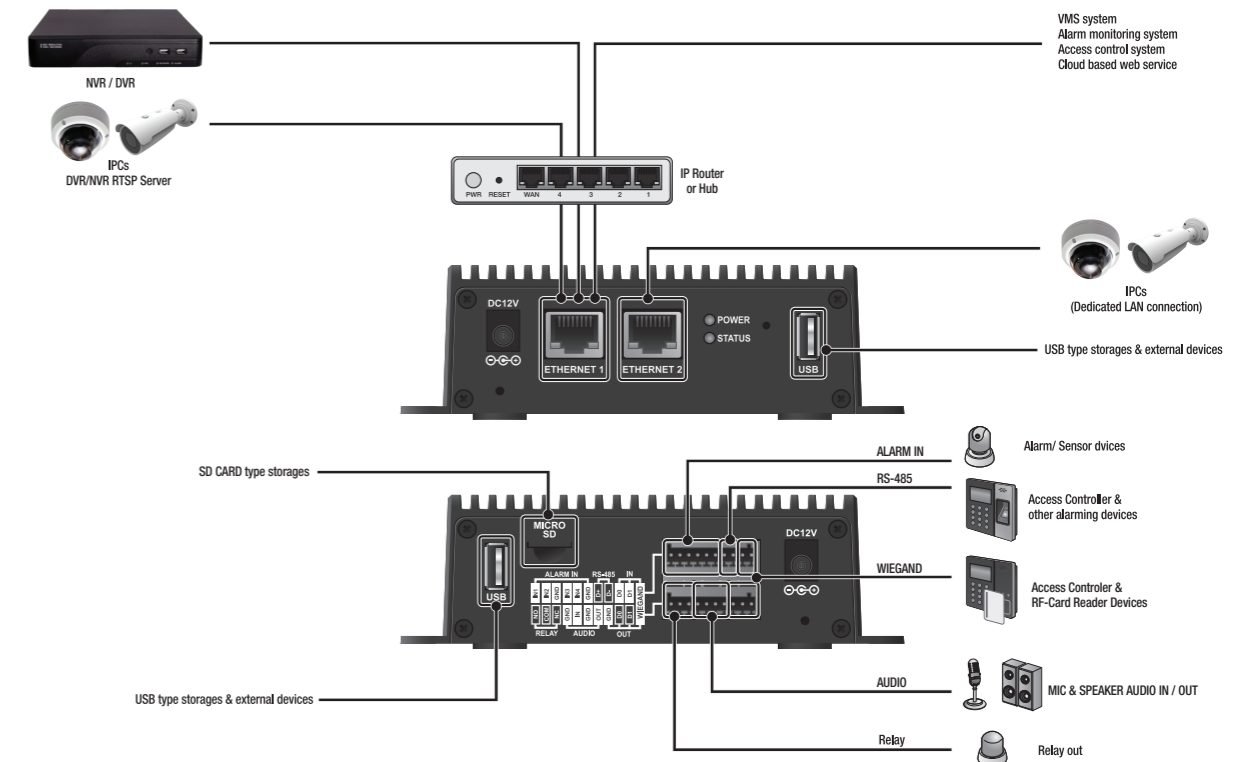
- REAR



No.	Item	Description
①	USB	Universal Serial Bus(USB) port for additional devices such as USB Memory Stick.
②	ETHERNET 1	RJ-45 port for connecting internet and other platforms such as interoperable VMS, recorders and IP cameras.
③	ETHERNET 2	RJ45 port for connecting IPCs and other devices through a separate LAN.
④	ALARM IN	Connect the sensor / alarm input signal wires.
⑤	RS485	Connect the remote control device for RS-485 communication.
⑥	RELAY	A Relay communication
⑦	AUDIO I/O	Connect the audio line input and output.
⑧	WIEGAND IN	Connect the Wiegand input signal wires.
⑨	WIEGAND OUT	Connect the Wiegand output signal wires.
⑩	MICRO SD	Slot for inserting a micro SD card.
⑪	DC12V	Connect the power plug of the provided 12V adapter.
⑫	RESET	Factory default.
⑬	CLAMP HOLE	DC jack cable clamp fixed hole.

✓ The DC power jack uses only one of the front and rear sides. Unused DC jack holes are blocked by the accessory's DC jack cover.

## Basic Layout.

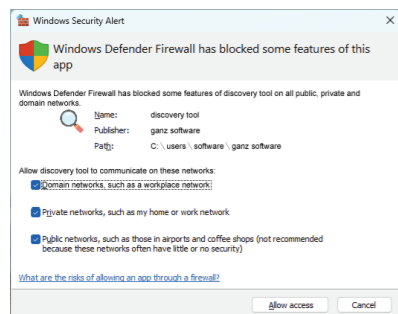


1. Install AI Box on a network connected to the Internet and run a DHCP server.
2. Connect the network cable to the ETHERNET 1 port of AI BOX.
3. The AI Box boots up immediately when the adapter is powered on due there does not have separate power button.
4. It takes about 1 minute for connecting to the PC after the device completes booting.

## 2 Network Setting

### Search for devices on the network

#### 1. Download the Device Management Tool



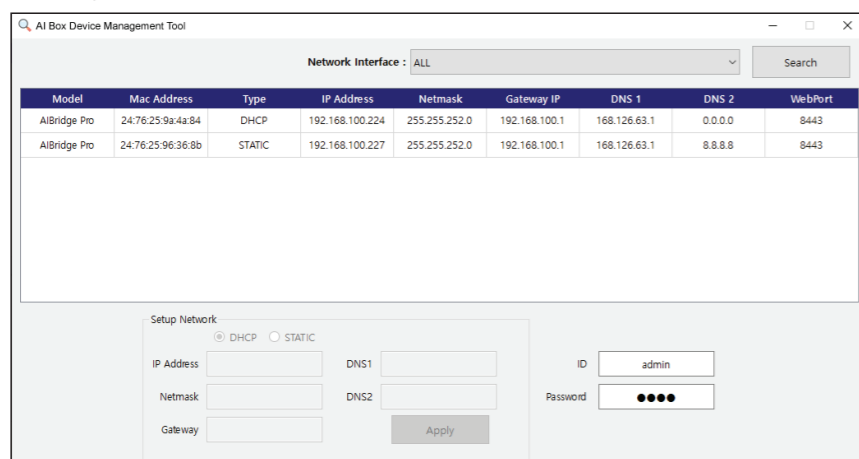
Download and install the Device Management Tool from the link below. ([www.ganzsecurity.com](http://www.ganzsecurity.com))

AI BOX is possible to search the device's IP and set the network via the Device Management Tool program

#### DeviceManagementTool

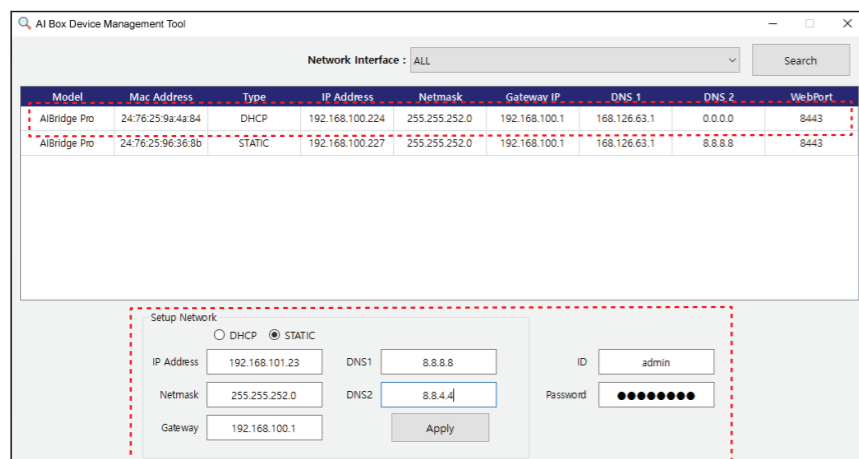
When the install file runs, the firewall setting window will appear as below. For smoothly using, it is recommended to allow the entire network.

#### 2. Running screen



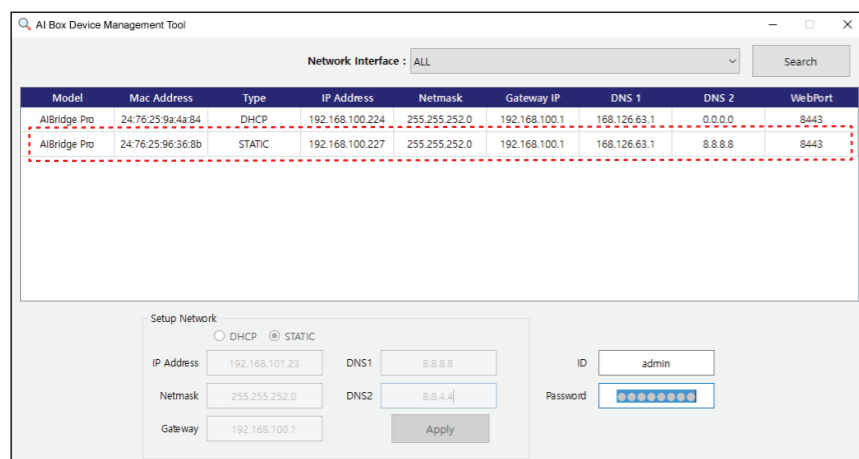
- When run for the first time, it shows a list of AI BOX connected to the network. In the ID / Password field, admin / 1234 is entered by default.
- When the AI BOX is in "factory default or factory reset" status, "1234" is set as a temporary password for network settings in the tool
- If the AI Box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

#### 3. 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.

#### 4. Screen after settings applied



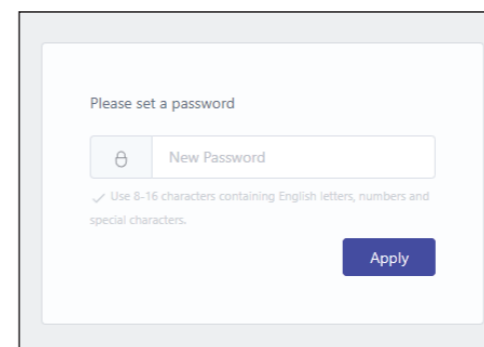
1. After a while by pressing the Apply button, the network setting of the device will be updated in the list.
  - If the network settings have not been changed, it is due ID or Password being incorrect, please check again.
2. After setting the network, double-click the device information in the list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

(Recommended Web Browsers: Google Chrome, Firefox and IE edge)

## 3 Connection

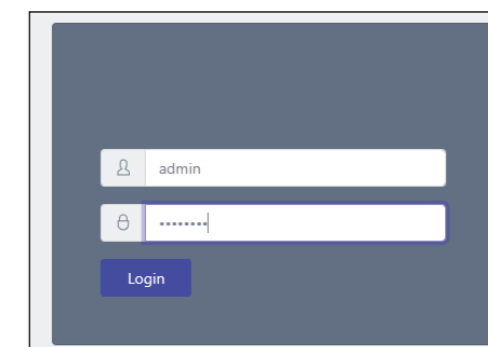
### Initial access and remote support settings

#### 1. Initial password setting of Device



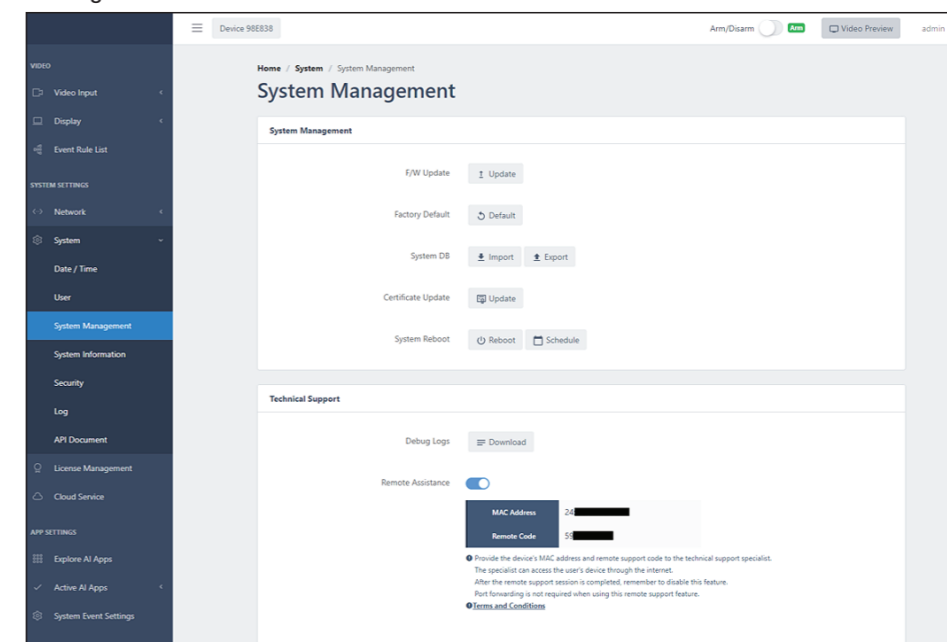
- When accessing the AI Box for the first time, the initial password setting UI is displayed. Set the password want to use.
- The password can use the alphabet, numbers, and special characters, and it should be set to 8 to 16 characters.

#### 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.

#### 3. Remote support Settings



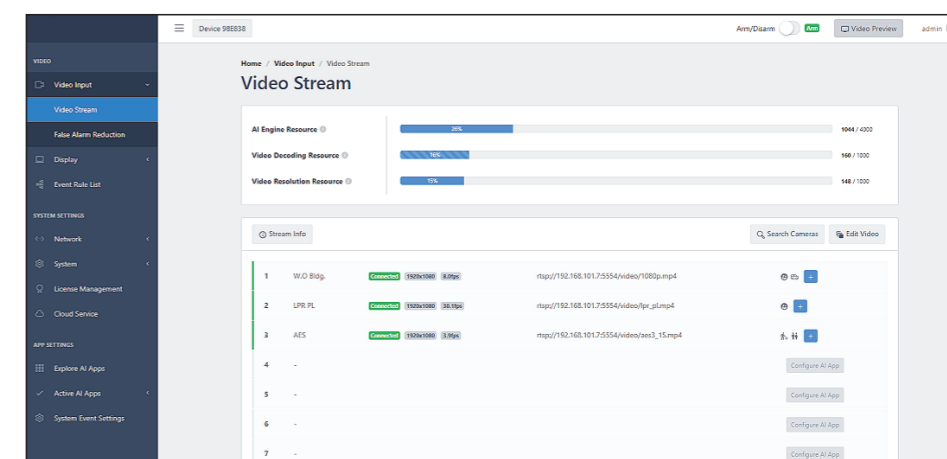
Enable the Remote Assistance function in the Setup > System Management > Technical Support menu. You can receive remote technical support by sharing the Mac Address and Remote Code displayed on the UI.

## 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.