



QUICK INSTALLATION GUIDE



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Notification

This equipment has been evaluated for its suitability for use in a Commercial environment.

If used in a home environment, there is a Risk of radio interference.

Contents

EdgeHandler™

1. Configuration
2. Getting Started with EHA200 Adapter
3. Getting Started with EHD200 Decoder
4. Setting IP Address
5. Registration
6. Using Remote Control

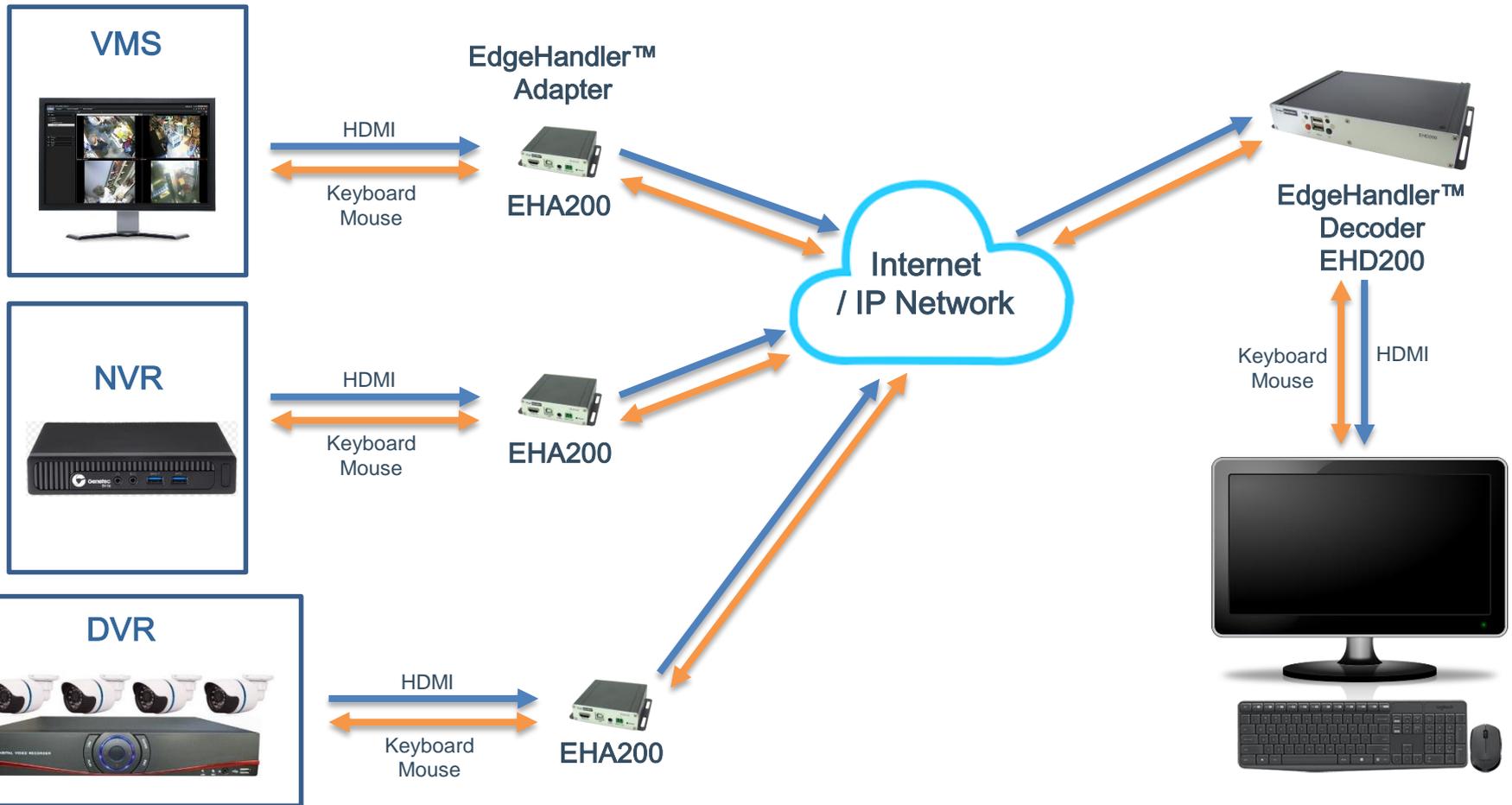


Edge Handler™

EdgeHandler™ provides the cost effective way to manage other vendor's DVR and NVR, even VMS(CMS) at the single station.

Configuration

The EdgeHandler™ requires that the adapter (EHA200) and the decoder (EHD200) be configured with at least one pair for remote controlling the connected system as shown below.



EHA200 Adapter

Description

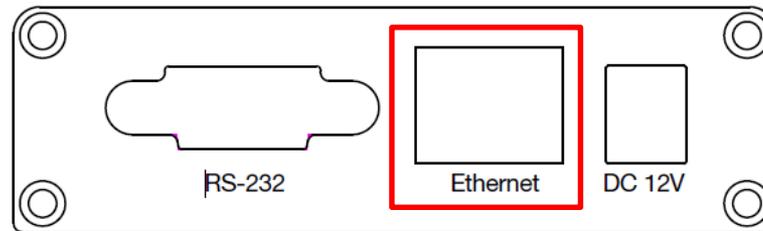
The EHA200 Adapter can compress/encode and transmit HDMI video signals. It allows to monitor live video on PCs, smartphones and tablet PCs connected to the Internet, and can be used for various applications such as the HDMI Extender.

When used with the EHD200 decoder, the system connected to the EHA200 adapter can be remotely controlled by keyboard and mouse.

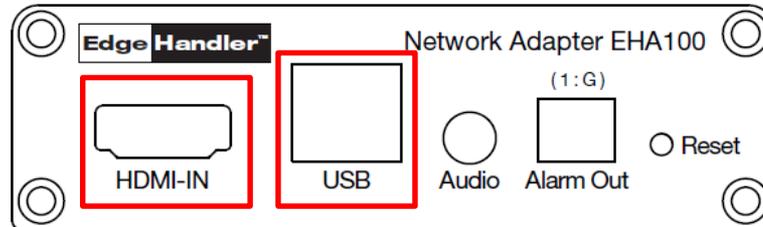
EHA200 Adapter

Getting Started with EHA200 Adapter

1. Connect the network cable (RJ45 standard) to the Ethernet port.



2. Connect the HDMI output of any devices such as PC, NVR or DVR to the HDMI-IN port of the EHA200 Adapter.
3. Connect the USB port of the device to the USB port of the EHA200 Adapter.

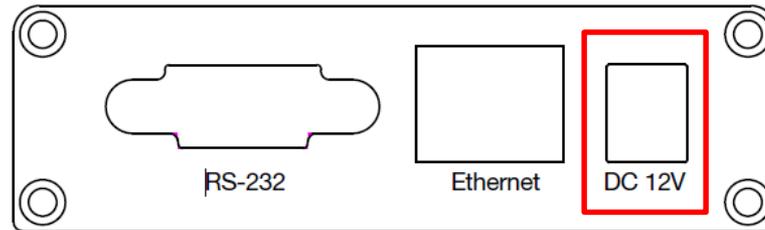


NOTE: Audio and DO (Alarm Out) port will be available soon.

EHA200 Adapter

4. Input power to rear power input terminal.

Note: The EHA200 adapter does not have a power switch.



5. Assign an IP address to the device using the IP Installer software.

The screenshot shows the IP Installer (v3.8.0) software interface. The window title is "IP Installer (v3.8.0)". The interface includes a toolbar with icons for search, network, settings, tools, home, CD, and funnel. A "Filter: All" label is present. Below the toolbar is a table with the following data:

Model	MAC address	IP address	IP Ty...	Server name	HTTP port	Version	Status
EHA-100	00306FE1E2EA	192.168.225.20	static	IP System	80	4.31-043-rp	Success
EHD-200	00306F005DAA	192.168.225.16	static	IP System	80	4.31-103-rm	Success

EHA200 Adapter

IP Installer software can be downloaded from the link below.

[\[IP Installer Software Download link \]](#)

For more information about the IP Installer software, please refer to the manual linked below.

[\[IP Installer Guide – English link \]](#)

6. Now, the EHA200 adapter is ready for use.

EHD200 Decoder

Description

The EHD200 decoder can decode the encoded video transmitted from one or more EHA200 adapters and display them on a connected monitor.

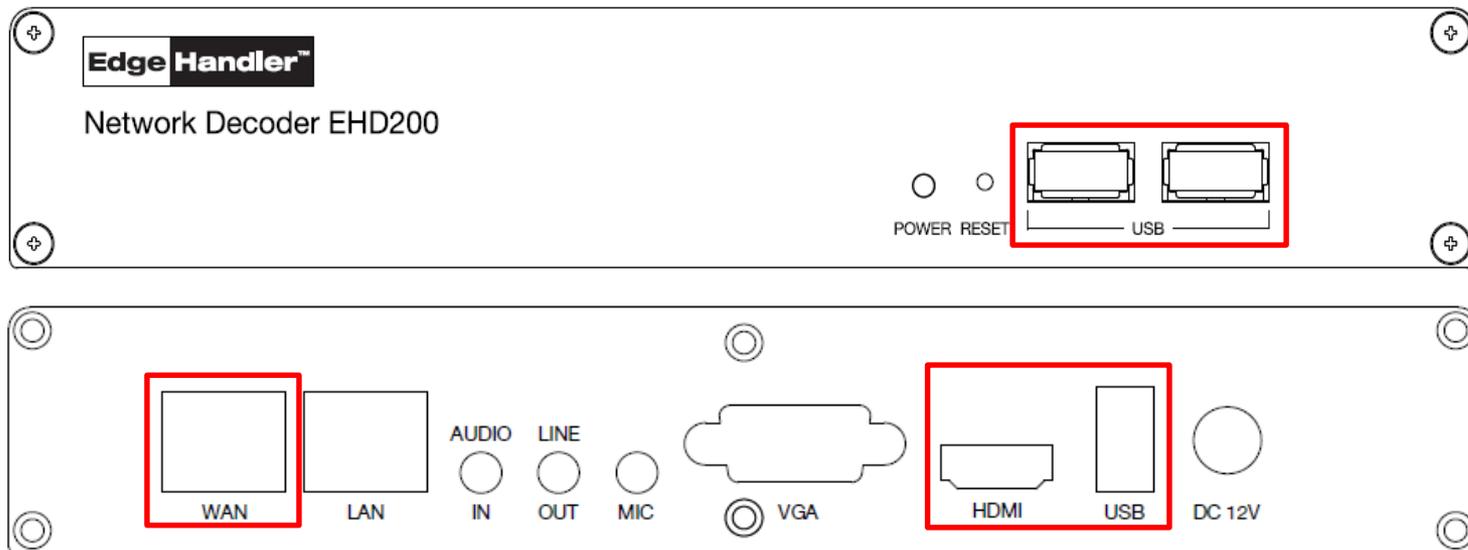
In addition, a USB keyboard and mouse can be connected to the EHD200 decoder to remotely control the systems connected to the EHA200 adapters as well as self-controlling.

EHD200 Decoder

Getting Started with EHD200 Decoder

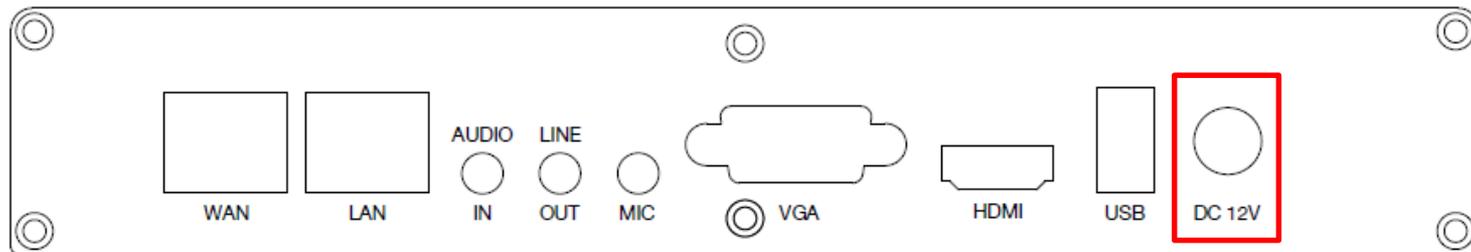
1. Connect the network cable (RJ45 standard) to the WAN port.
2. Connect the desired display device to the HDMI port.
3. Connect the keyboard and mouse to the USB ports.

(The USB port consists of 2 ports on the front and 1 port on the back.)



EHD200 Decoder

4. Power on the rear power input terminal to boot the device.



5. Assign an IP address to the device using the IP Installer software.

The screenshot shows the IP Installer (v3.8.0) software interface. The table below displays the configuration for the EHD-200 device.

Model	MAC address	IP address	IP Ty...	Server name	HTTP port	Version	Status
EHA-100	00306FE1E2EA	192.168.225.20	static	IP System	80	4.31-043-rp	Success
EHD-200	00306F005DAA	192.168.225.16	static	IP System	80	4.31-103-rm	Success

EHD200 Decoder

IP Installer software can be downloaded from the link below.

[\[IP Installer Software Download link \]](#)

For more information about the IP Installer software, please refer to the manual linked below.

[\[IP Installer Guide – English link \]](#)

6. Now, the EHA200 adapter is ready for use.

Registration

After the installation of the adapter and decoder and setting of the IP addresses are completed, the adapter must be registered in the decoder as follows:

Case #1 (LAN)

If the EHD200 adapter(s) to be registered is connected to the same network as the EHD200 encoder.

Start from #1 on the next page.

Case #2 (WAN / INTERNET)

If the adapter to be registered is connected to an external network or the Internet

Skips steps #1~9,
Starts from #10.

Registration

1. After booting the EHD200 model, the login screen will appear as shown below.



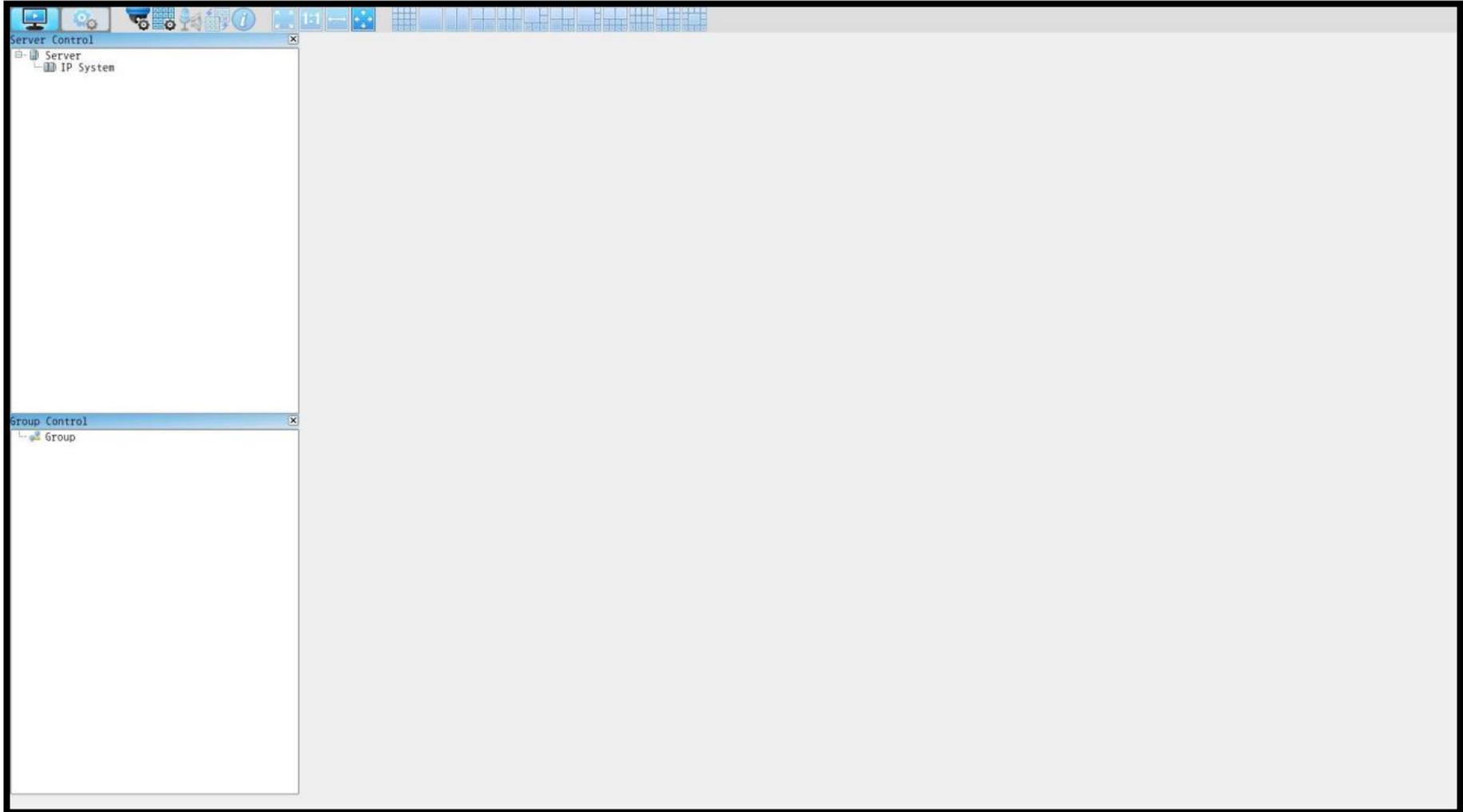
The image shows a dialog box titled "Admin Login". It contains two input fields: "ID :" and "Password :". Below the input fields is an "OK" button.

Default ID and password are as follows and are case-sensitive.

ID: root Password: root

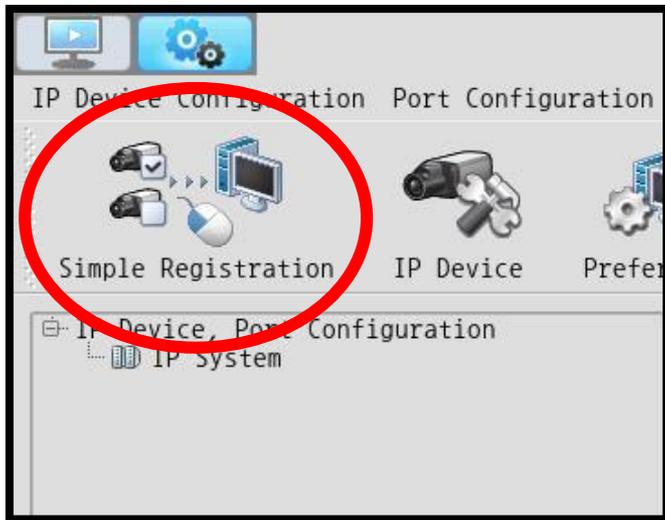
Registration

2. When login is completed, the main screen of the decoder appears as below.



Registration

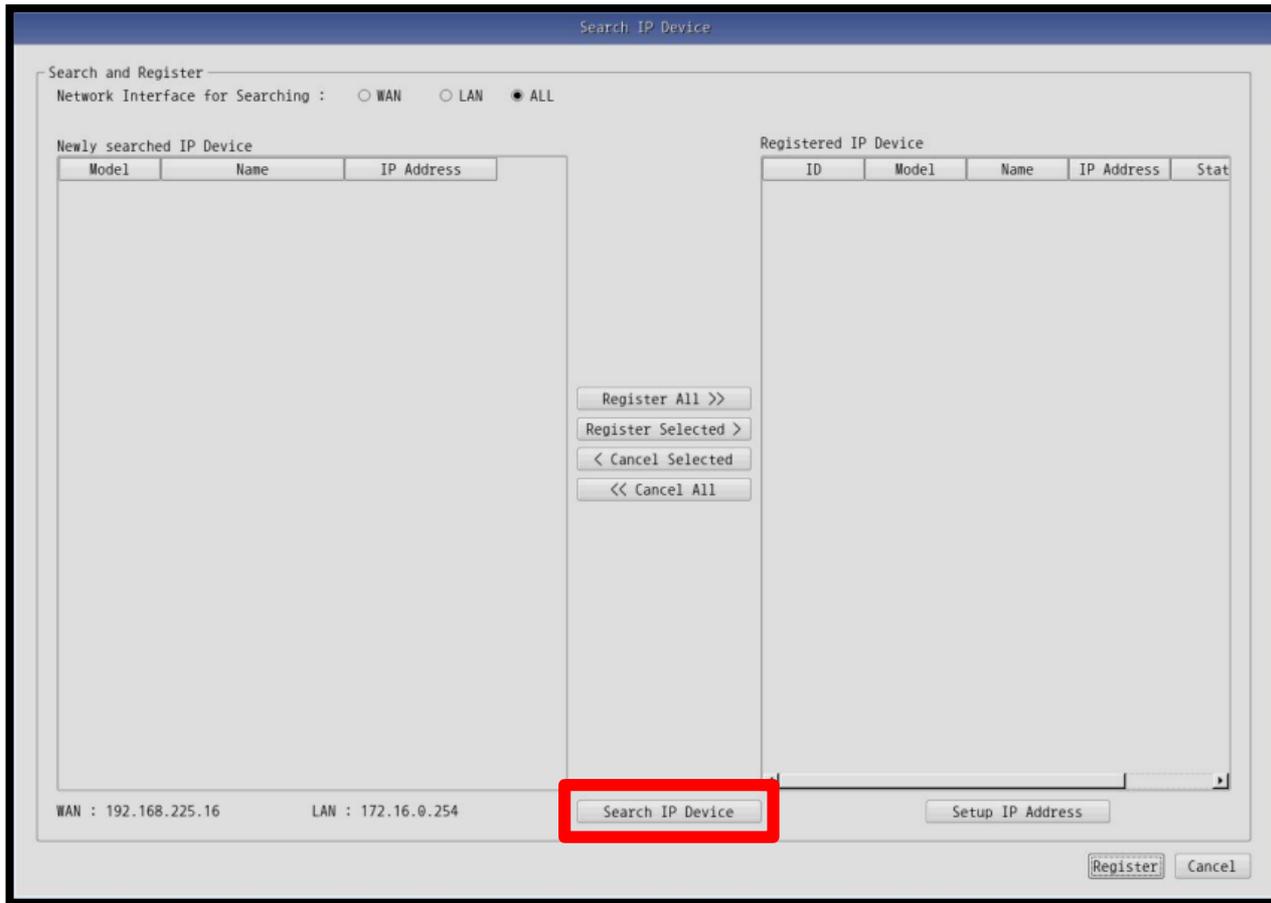
3. Click on the gear icon on the upper left of the screen to access the Admin or Setting menu.



4. Click the Simple Registration icon on the toolbar on the Admin menu screen.

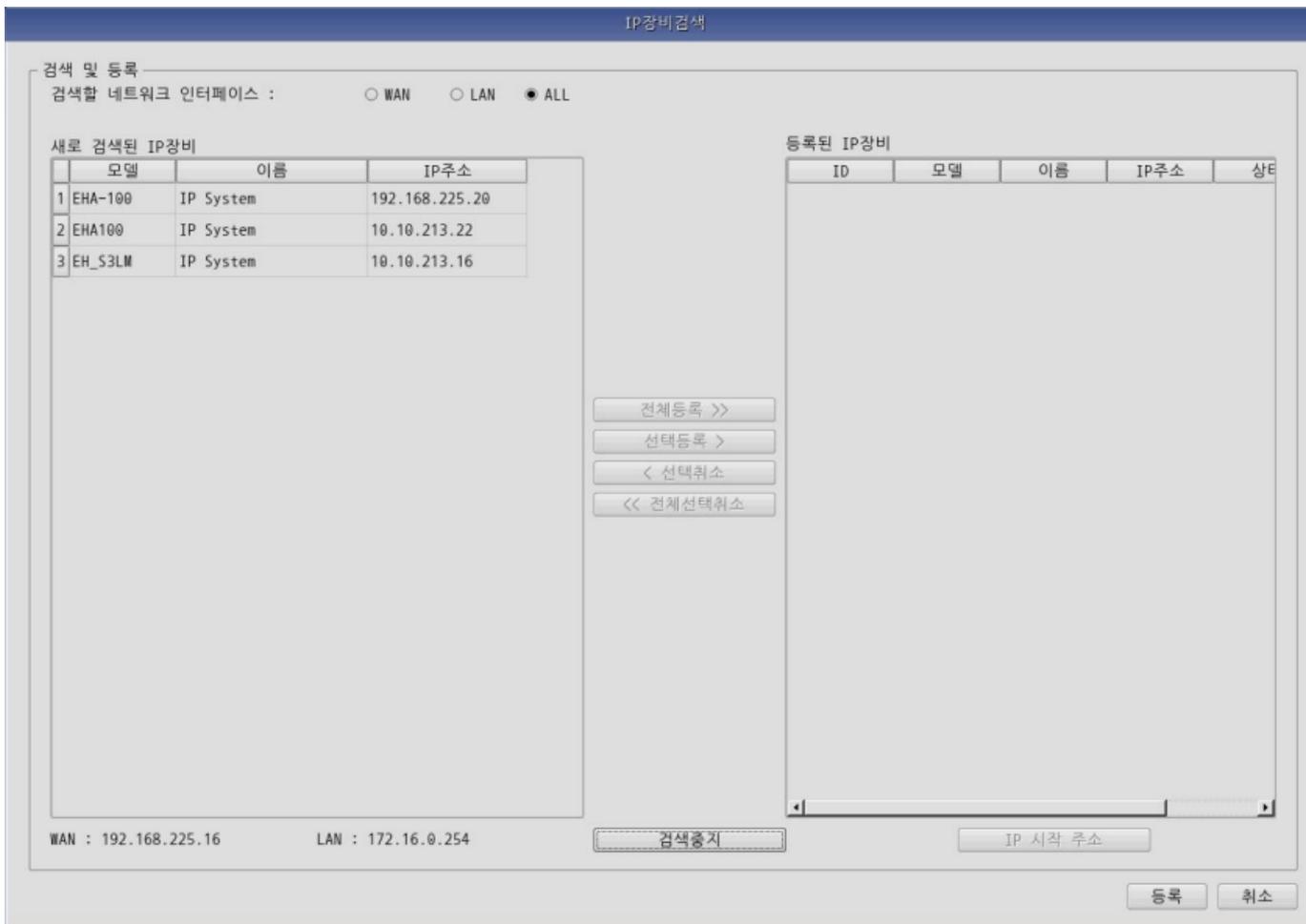
Registration

5. Click the Search IP-Device icon at the bottom center of the window, when the Search IP-Device pop-up window appears.



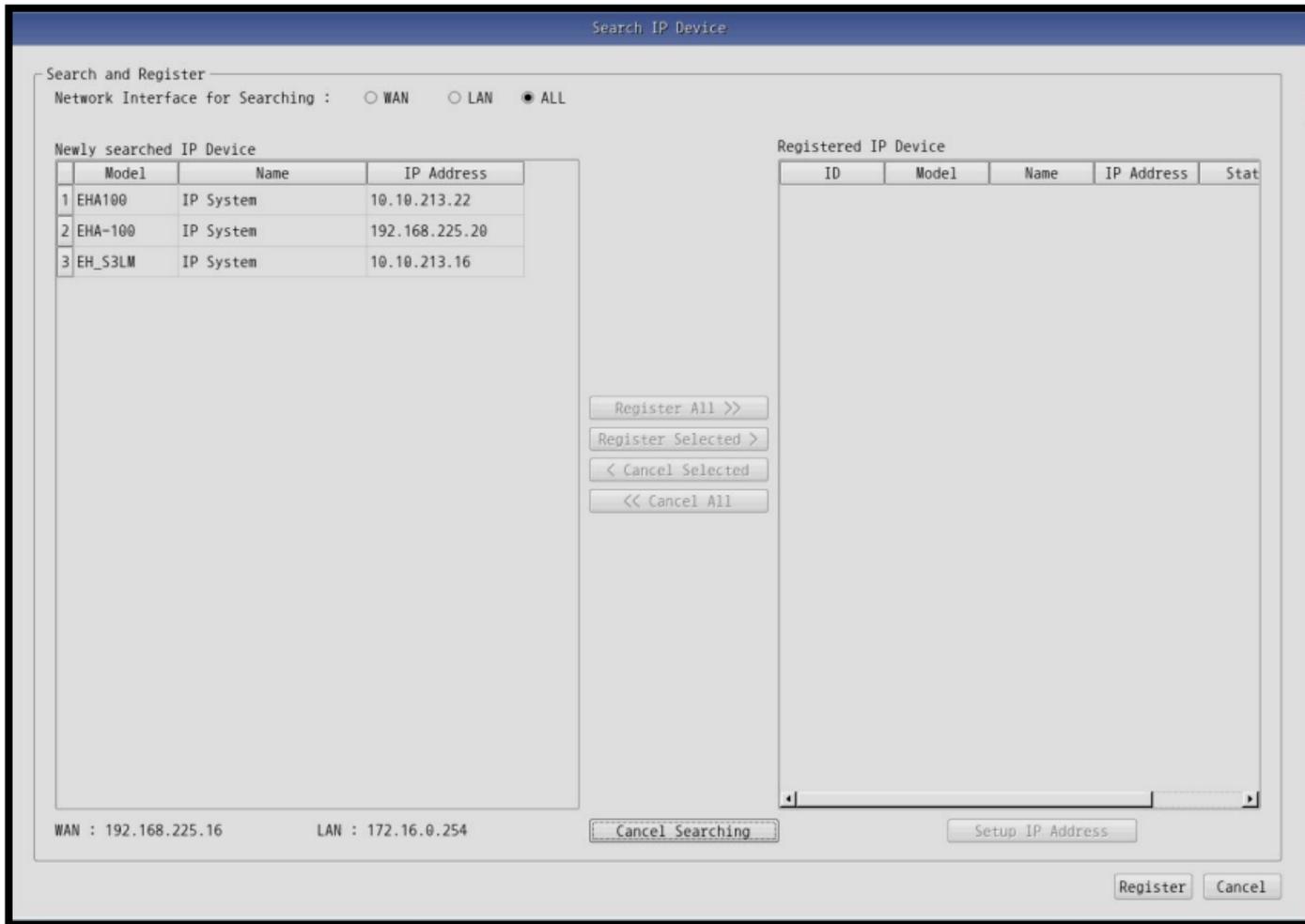
Registration

6. When the searched adapters(EHA200) or IP devices are listed,



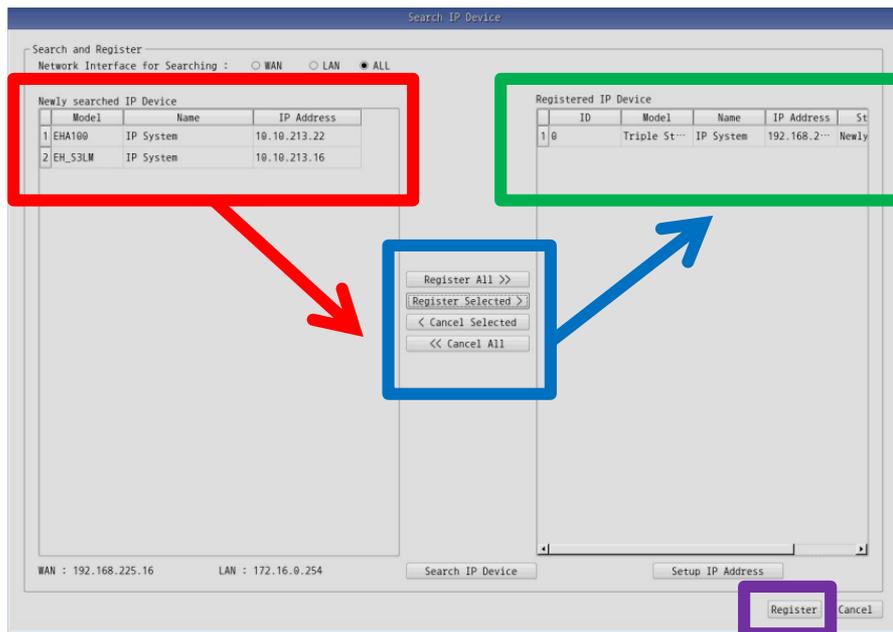
Registration

6. When the searched adapters(EHA200) or IP devices are listed,



Registration

7. Select the device to be registered to the decoder among the discovered IP devices.



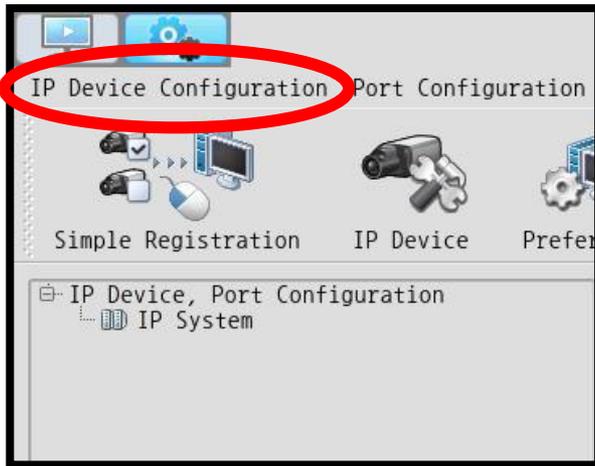
8. Move the desired devices to the right list using Register ALL button or Register Selected button.

9. Click the [Register] button on the bottom right to complete the device registration process.

Registration

In case of #1 LAN environment, skip to 13.

10. Click on the gear icon on the upper left of the screen to access the Admin or Setting menu.



11. Click IP Device configuration on the menu bar.

Registration

12. After entering the required information, click Register.

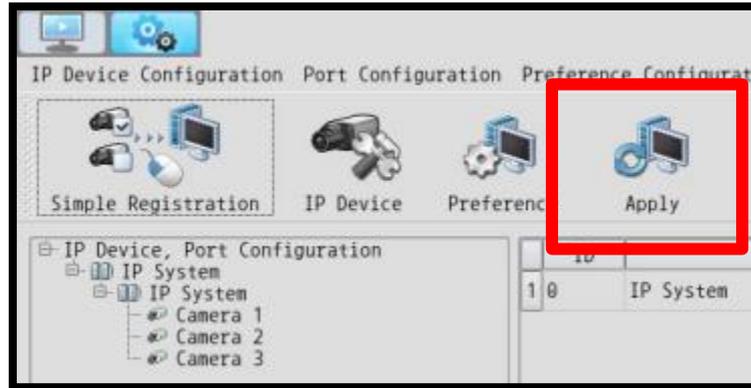
The screenshot shows a software window titled "Add IP-device" with the following sections:

- Input IP-device Info:** A form with fields for ID (dropdown), Vendor (dropdown, set to "None"), Model (dropdown, set to "Select Model"), IP Address, HTTP Port, Login ID, Login Password, Confirm Password, VS Module ID (dropdown, set to "0"), a "Collect IP-device Info" button (set to "Collect"), and a Name field.
- Select the resolution supported by IP-device:** A table with checkboxes and a scrollable list of resolutions.
- Check PTZ Camera:** Four checkboxes for Camera1, Camera2, Camera3, and Camera4.
- Auto NAT Service:** A checkbox.
- Ports:** Fields for HTTP Port, HTTPS Port, TELNET Port, FTP Port, and RTSP Port.
- Buttons:** "Register" and "Cancel" buttons at the bottom right.

Resolution	Resolution
<input type="checkbox"/> QCIF (QVGA)	176 x 144 ~ 160 x 112
<input type="checkbox"/> CIF (QVGA)	352 x 288 ~ 320 x 240
<input type="checkbox"/> Half D1 (Half VGA)	704 x 288 ~ 640 x 240
<input type="checkbox"/> D1 (VGA)	704 x 576 ~ 640 x 480
<input type="checkbox"/> SVGA	800 x 600 ~ 720 x 480
<input type="checkbox"/> XGA	1024 x 768 ~ 960 x 720
<input type="checkbox"/> HD720 (720P)	1280 x 720
<input type="checkbox"/> SXGA	1280 x 1024
<input type="checkbox"/> UXGA	1600 x 1200

Registration

13. Click the Apply button to apply the changes.



14. Click Reboot to restart the required services, when the following

15. When the service restart is complete, all the steps of IP device registration are completed.

Using Remote Control

1. Click the first icon on the upper left of the screen to go to the Viewer as shown right.



2. Click the Remote Control icon on the Live View window tool bar of the desired device as shown below to enable remote control of the device.



Remote Control Button

Using Remote Control

To exit remote control mode choosing of two methods.

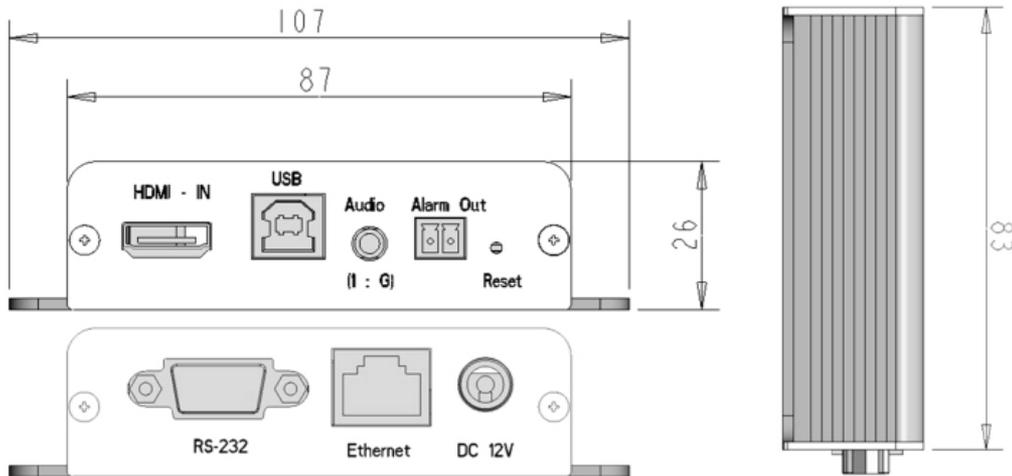
1. press the double tab PRINT SCREEN key on the Keyboard.



2. press the double click of WHEEL BUTTON on the Mouse.

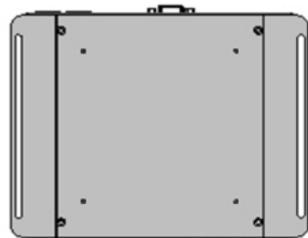
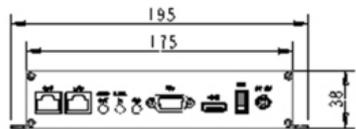
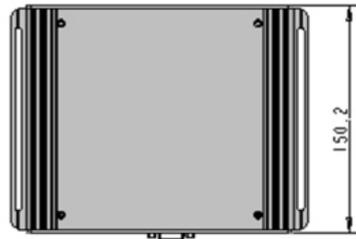


EHA200 Specification



Video	
Max. Streaming Rate	Up to 60fps @ FULL-HD Triple streaming
Supported Codec	H.264 / H.265(Optional) video compression
Connections	Up to Four concurrent connections from EHD200
Interface	
Video Input	1 HDMI
Audio In/Out	1 Speaker, 1 Microphone
Alarm	1 Alarm output
Serial Port	1 Serial Port (reserved for future use)
Peripherals	1 USB Port
Network	
Ethernet	10/100/1000-base-T Ethernet (auto sensing)
Dynamic IP	DDNS support
Security	DRM based proprietary secure key distribution protocol (Option)
Miscellaneous	Web interface Max 16 connections
Hardware	
Approvals	KC, FCC, CE, RoHS
Working Condition	0°C ~ +50°C (32°F ~ 122°F), 10% ~ 80% RH
Power	12VDC @ 3A, Max. 40W
Dimension	107(W) x 83(D) x 26(H) mm
Weight	

EHD200 Specification



Video

Decoding	Max 30fps x 16 channels @ 1080p
Supported Codec	H.264 / H.265(Optional) video decompression
Display Mode	Max 4 x 4 display mode Group display mode
Re-streaming	Supports Video Re-streaming

Interface

Video Out	1 HDMI
Audio In/Out	1 Speaker, 1 Microphone
Peripherals	2 USB Port for Mouse, Keyboard etc

Network

Ethernet	2 x 10/100/1000-base-T Ethernet
Security	DRM based proprietary secure key distribution protocol (option)
Miscellaneous	Web interface Max 16 connections

Hardware

Approvals	KC, FCC, CE, RoHS
Working Condition	0°C ~ +50°C (32°F ~ 122°F), 10% ~ 80% RH
Power Supply	SMPS, 12VDC @ 3A, Max 40Watt
Dimension	195(W) x 150.2(D) x 38(H) mm
Weight	

Thank You

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