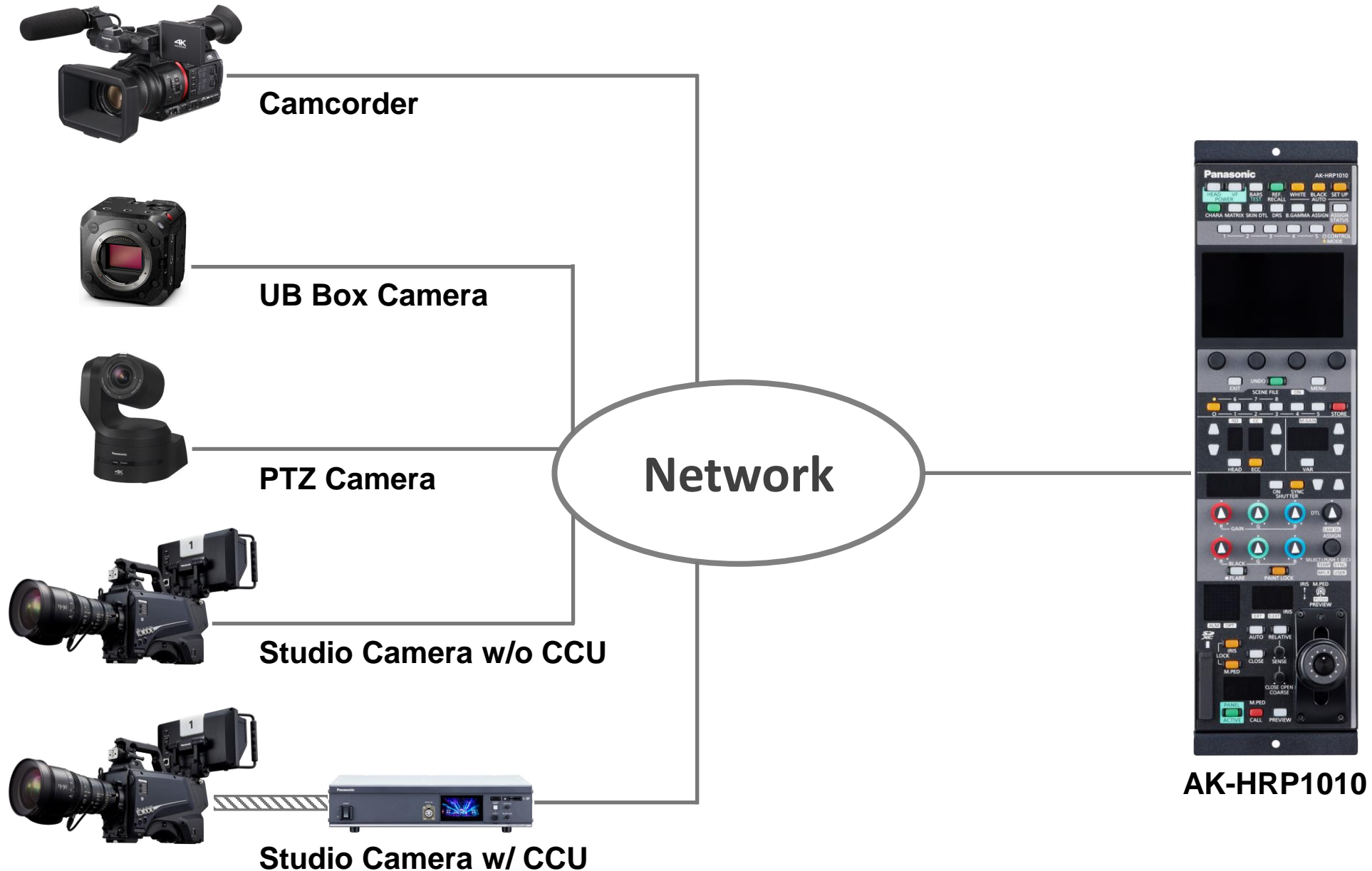


# AK-HRP1010 IP Connection Setup Guide

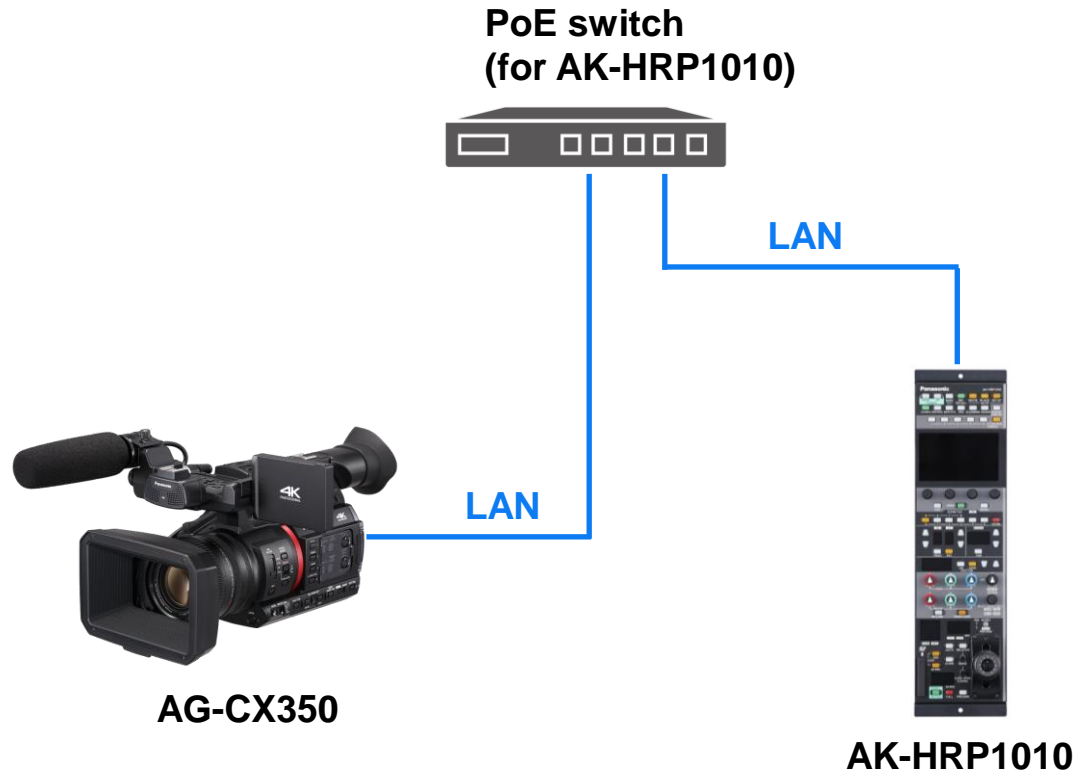


# Contents

1. Setup with Camcorder
2. Setup with UB Box Camera
3. Setup with PTZ Camera
4. Setup with Studio Camera w/o CCU
5. Setup with Studio Camera w/ CCU
6. Connection has been established!!
7. List of CONNECT MODE & PORT

※ At first, please update the firmware to the latest.

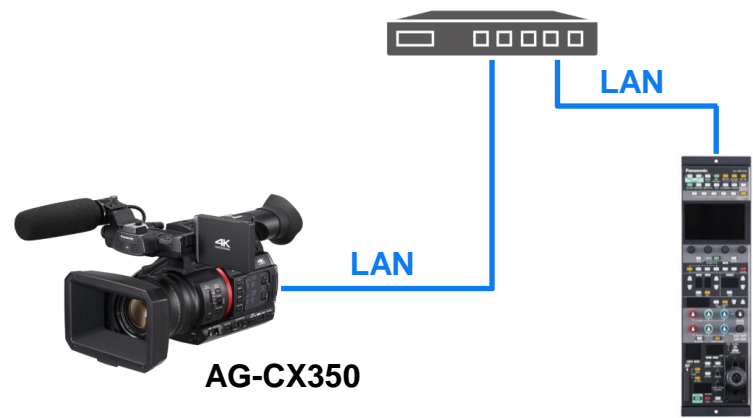
# 1. Setup with Camcorder (AG-CX350)



Camcorder	CONNECT MODE	PORT
AG-CX370, AG-CX350	LAN (AG)	49154
AG-CX4000	LAN (AJ2)	49154
VariCam LT	LAN (AU)	49152
AU-EVA1	LAN (AU2)	49152

- In order for the HRP1010 to connect the camcorder, CAM IP, PORT, CONNECT MODE, and CAMERA AUTH SETTING are the required parameters.
- If the camera does not have EASY IP SETTING menu (e.g. VariCam LT, EVA1), CAM IP, PORT, and CONNECT MODE need to be set in the HRP1010 manually.

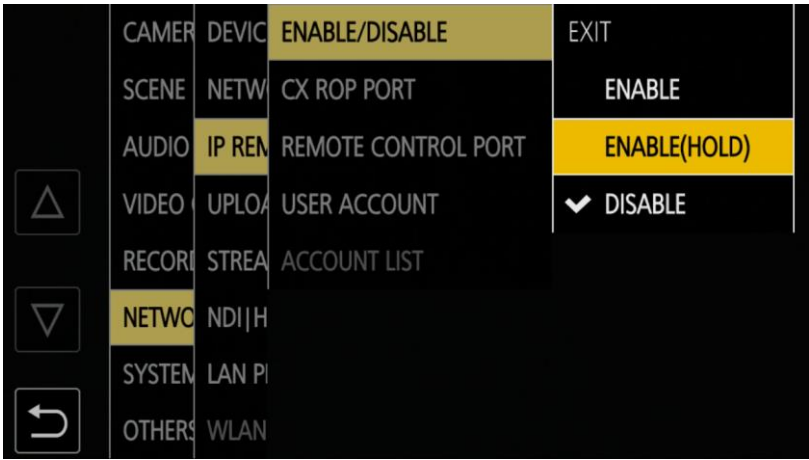
# 1-1. Camera setup – Device select, User account, Camera IP address



1. Locate the CX350 in the same network as the HRP1010.



2. MENU > NETWORK > DEVICE SEL > LAN



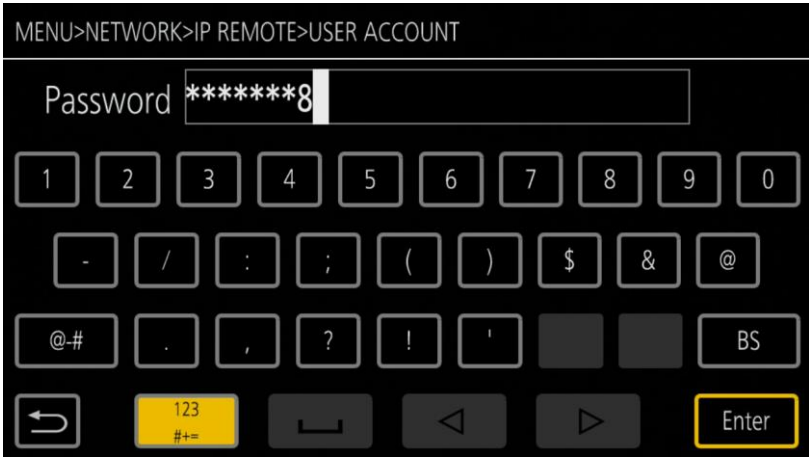
3. IP REMOTE > ENABLE/DISABLE > ENABLE(HOLD)



4. USER ACCOUNT

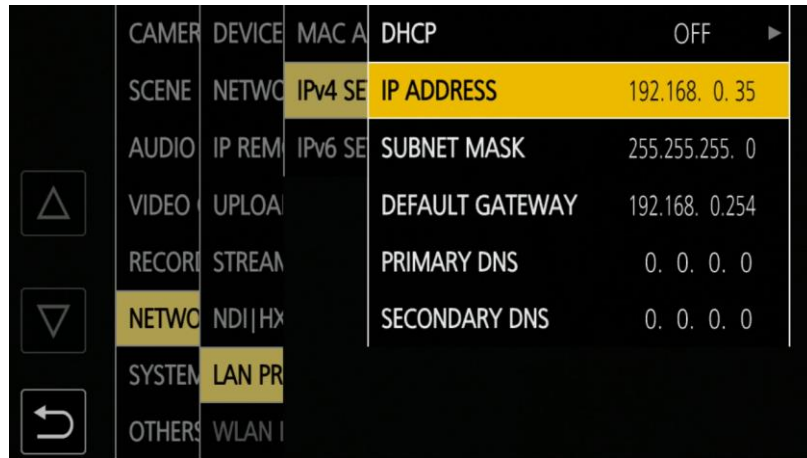


5. Set Account name, e.g. CX350.



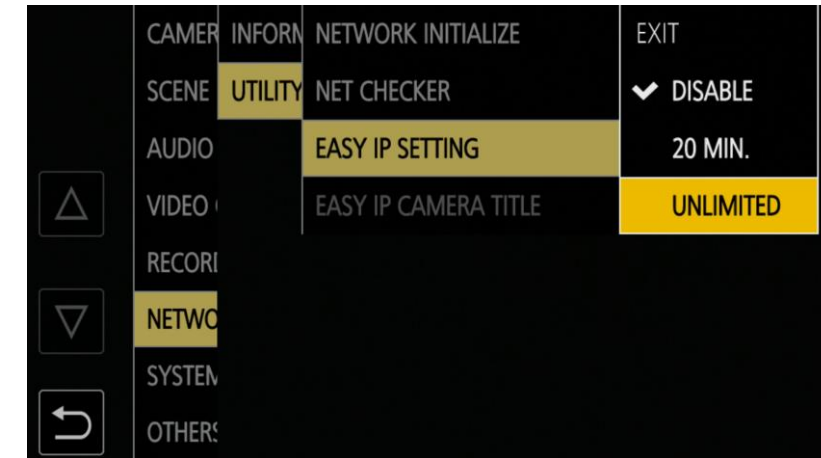
6. Set Password, e.g. 12345678.

# 1-1. Camera setup – Device select, User account, Camera IP address



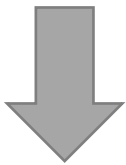
e.g.

- **DHCP** : OFF
- **IP ADDRESS** : 192.168.0.35
- **SUBNET MASK** : 255.255.255.0
- **DEFAULT GATEWAY** : 192.168.0.254



## 7. LAN PROPERTY > IPv4 SETTING

⇒ Set parameters.



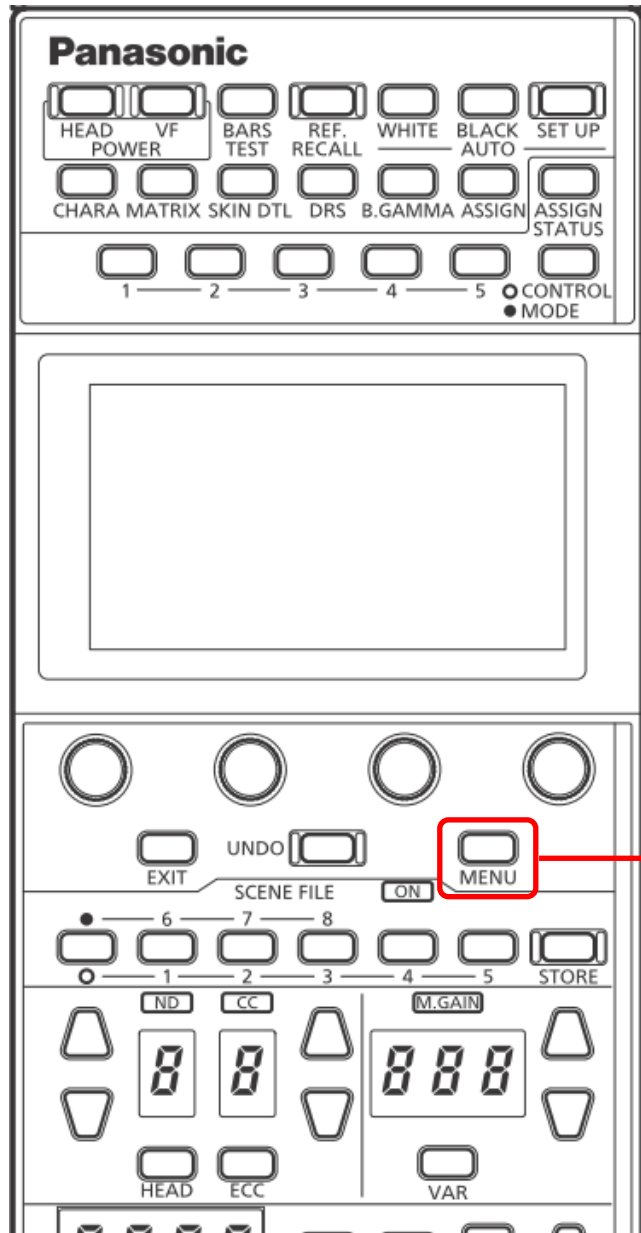
## 9. The icon changes when the connection (CX350⇔Switch) has been established.

## 8. UTILITY > EASY IP SETTING

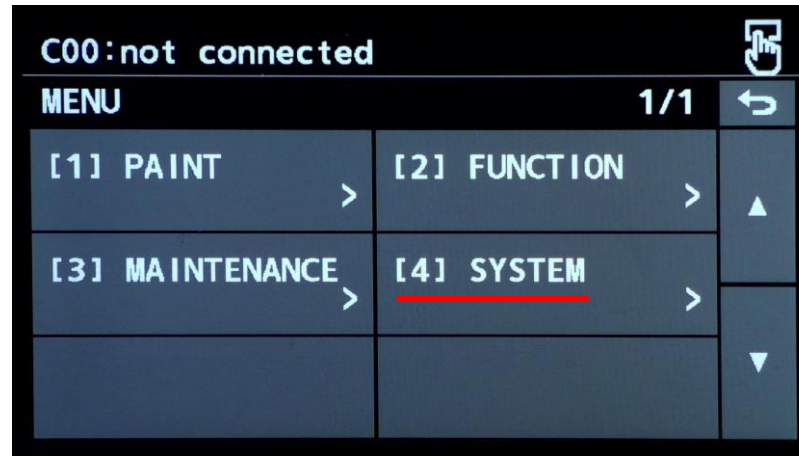
> UNLIMITED ⇒ Close MENU.

- ※ If the camera does not have this menu, [CAM IP SEARCH](#) in the HRP1010 does not detect the camera. Manual setups for CAM IP, PORT, CONNECT MODE are required.

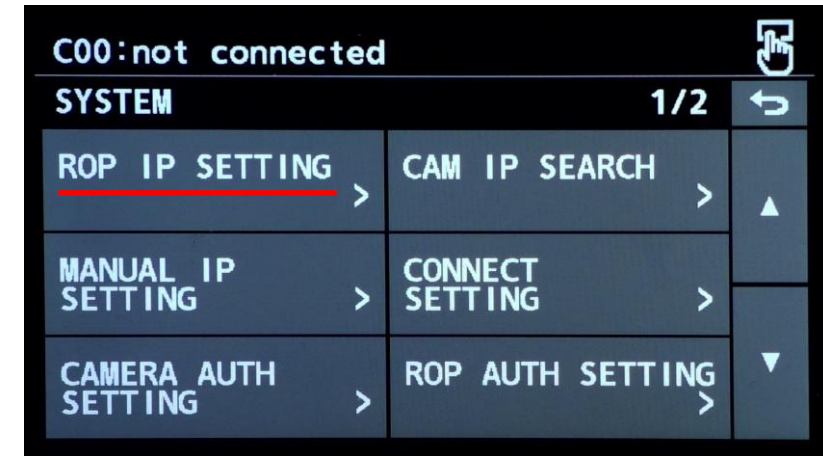
# 1-2a. HRP1010 setup – HRP IP address



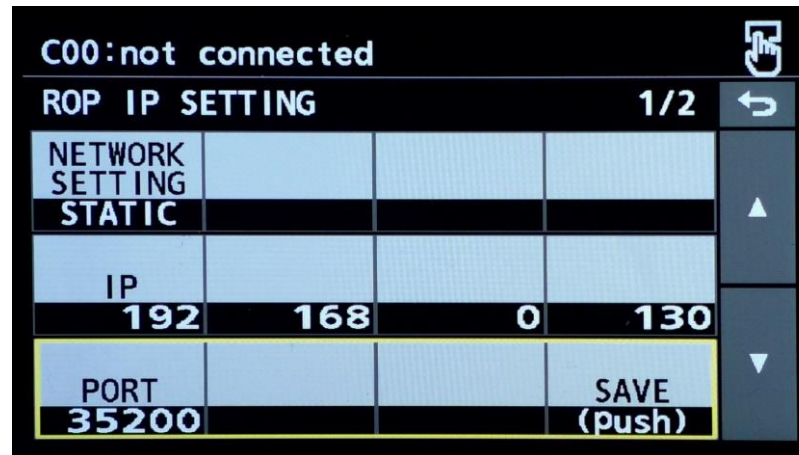
MENU



1. MENU > [4] SYSTEM



2. ROP IP SETTING



3. Set the IP address for the HRP1010.  
⇒ SAVE (Push) ⇒ OK ⇒ Reboot ROP.

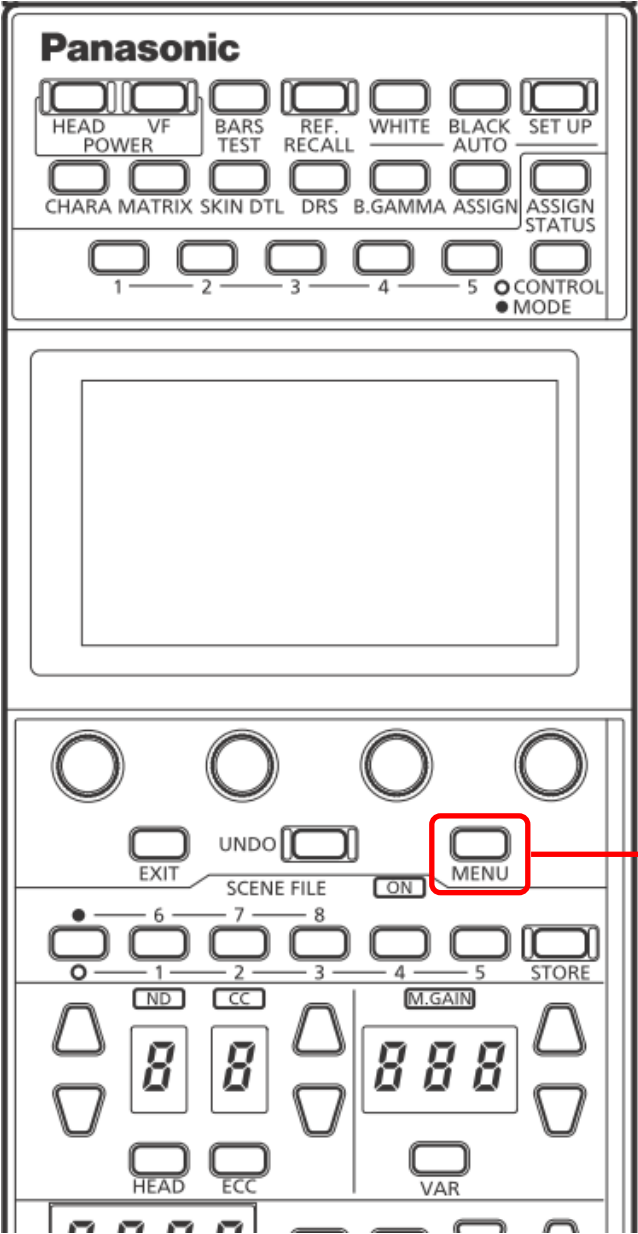
e.g.

- NETWORK SETTING : STATIC
- IP : 192.168.0.130
- SUBNET : 255.255.255.0
- DEFAULT GATEWAY : 192.168.0.254

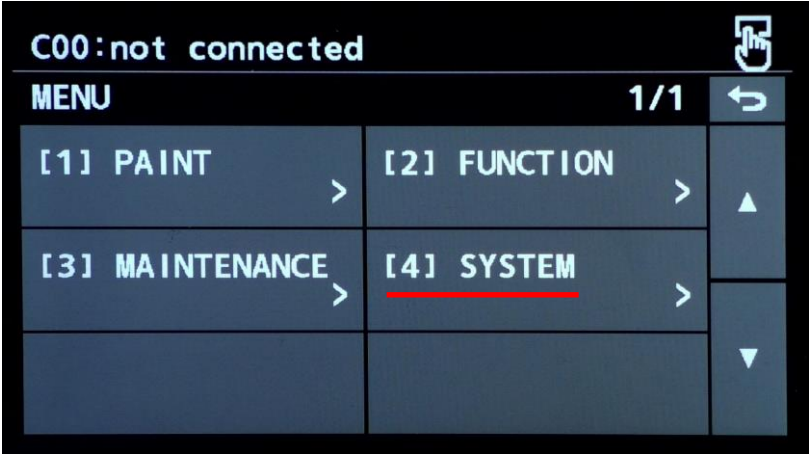
※ No need to change PORT (35200).



# 1-2b. HRP1010 setup – Camera IP address, Port #, Connect mode



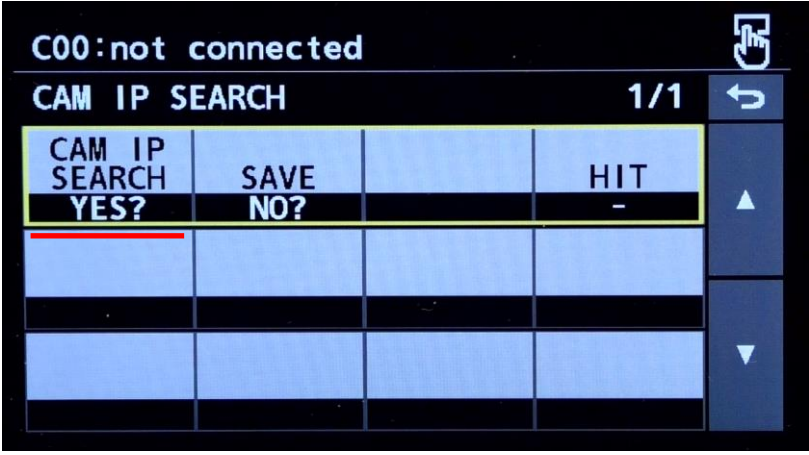
MENU



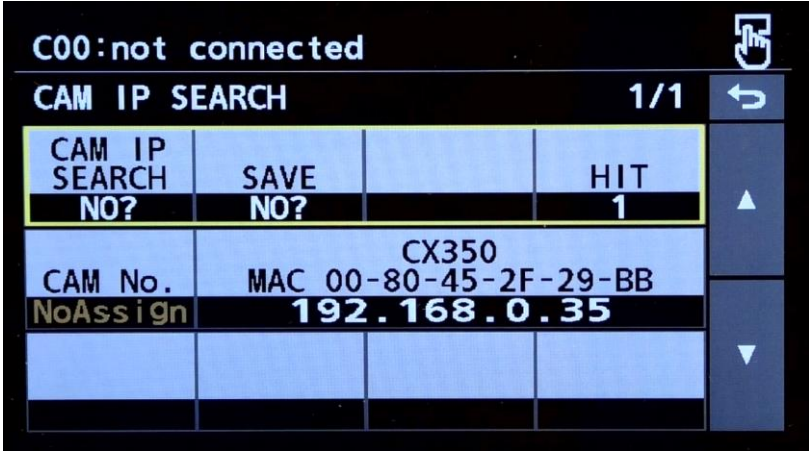
1. MENU > [4] SYSTEM



2. CAM IP SEARCH



3. Set "YES?" for CAM IP SEARCH.



4. The camera(s) in the same network as the HRP1010 shows up.

# 1-2b. HRP1010 setup – Camera IP address, Port #, Connect mode

C00: not connected

CAM IP SEARCH 1/1

CAM IP SEARCH	SAVE		HIT
NO?	YES?		1
CX350			
CAM No.	MAC	00-80-45-2F-29-BB	
1	192.168.0.35		

5. Set CAM No. (e.g. 1) and “YES?” for SAVE.

C00: not connected

CAM IP SEARCH 1/1

CAM IP SEARCH	SAVE		HIT
NO?	NO?		-
CX350			
CAM No.	MAC	00-80-45-2F-29-BB	
1	192.168.0.35		

6. SAVE and HIT turn to “NO?” and “-”.

C00: not connected

MENU 1/1

[1] PAINT >	[2] FUNCTION >
[3] MAINTENANCE >	<u>[4] SYSTEM</u> >

7. MENU > [4] SYSTEM

C00: not connected

MANUAL IP SETTING 1/1

CAM No. SELECT			
CAM1			
CAM IP			
192	168	0	35
PORT			
49154			SAVE (push)

8. MANUAL IP SETTING:  
The assigned CAM IP and PORT can be confirmed.

- ※ In this example, the CX350 has been assigned as CAM #1 in the HRP1010.
- ※ With the following step #7 – 9, you can confirm if the appropriate parameters have been assigned.

C00: not connected

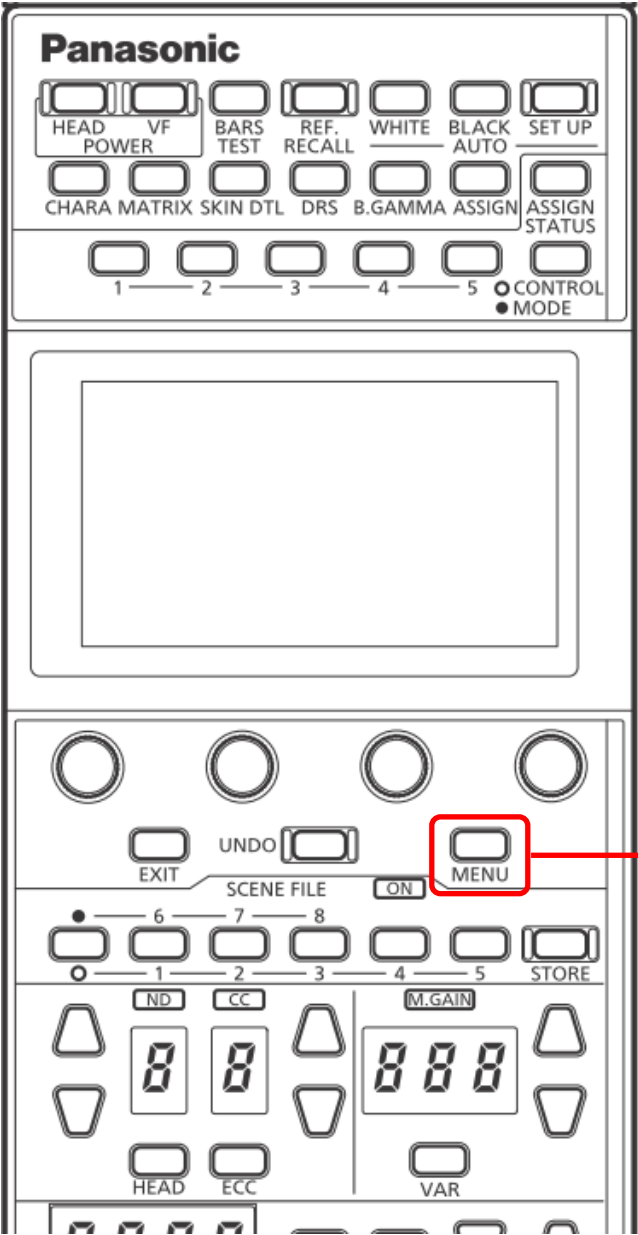
CONNECT SETTING 1/9

CAM No. SELECT	CONNECT MODE		
CAM1	LAN(AG)		
CAM1			
LAN(AG)	CAM2 NON	CAM3 NON	CAM4 NON
CAM5			
NON	CAM6 NON	CAM7 NON	CAM8 NON

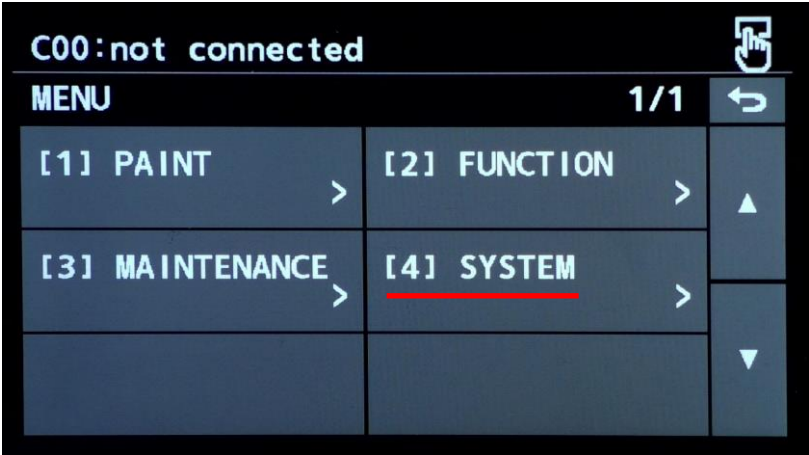
9. CONNECT SETTING:  
The assigned CONNECT MODE can be confirmed.



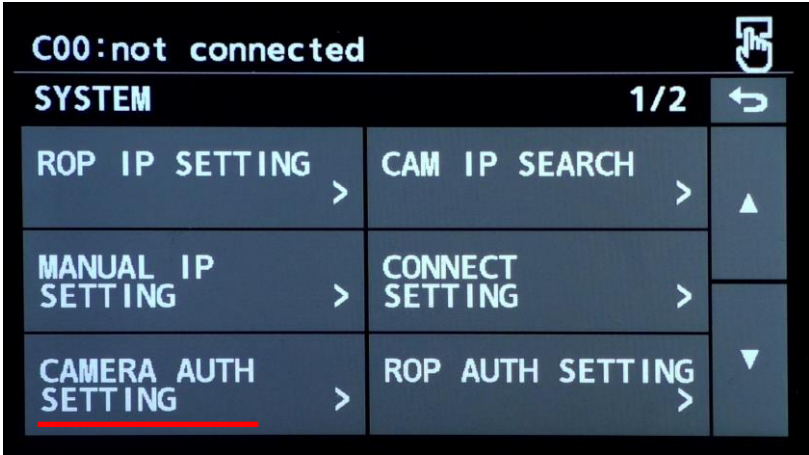
# 1-2c. HRP1010 setup – Camera authentication



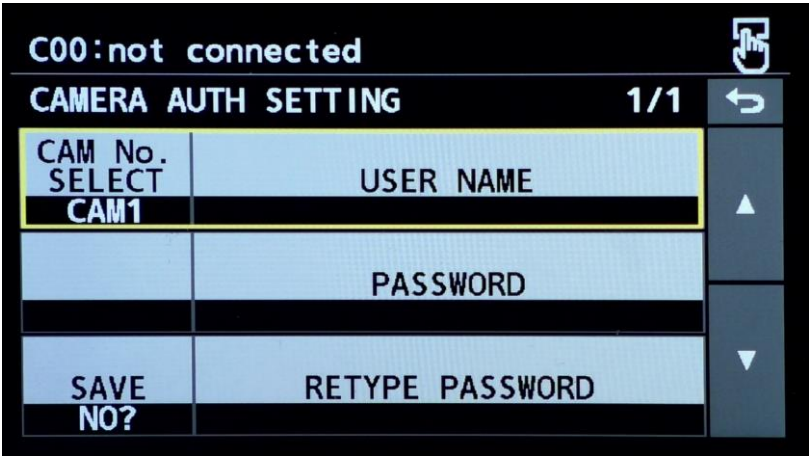
MENU



1. MENU > [4] SYSTEM

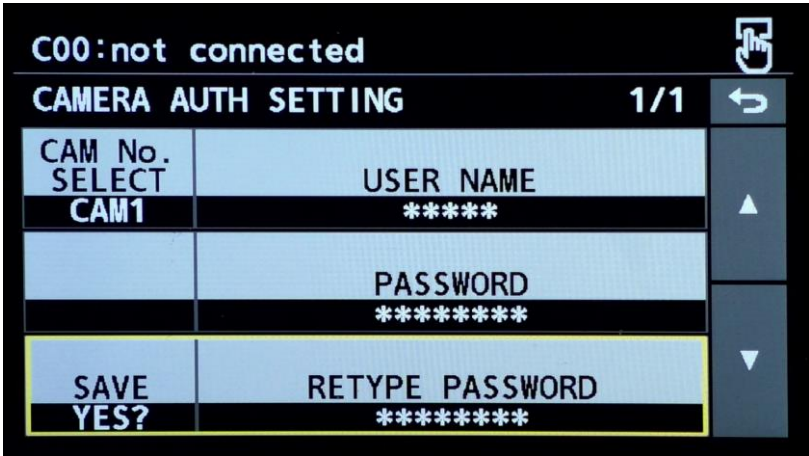


2. CAMERA AUTH SETTING



3. Set USER NAME & PASSWORD to be  
the same as the camcorder's.

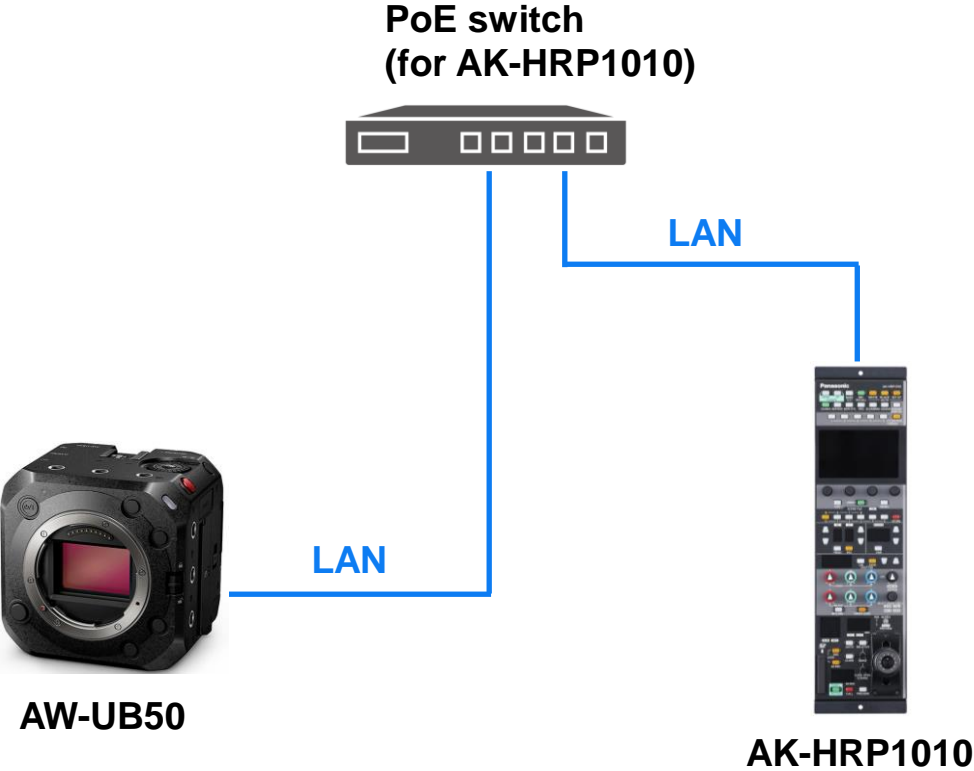
※ USER NAME & PASSWORD are case- sensitive.



4. Set "YES?" for SAVE. ⇒ Yes

⇒ The connection should be established!

# 2. Setup with UB Box Camera (AW-UB50)

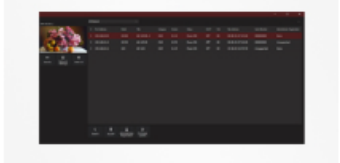


UB Box Camera	CONNECT MODE	PORT
AW-UB50, AW-UB10	LAN (BOX)	80

- In order for the HRP1010 to connect the UB box camera, CAM IP, PORT, CONNECT MODE, and CAMERA AUTH SETTING are the required parameters.
- Media Production Suite (MPS) or EasyIP Setup Tool Plus is a software which makes the setup easier. Please download it from our website.

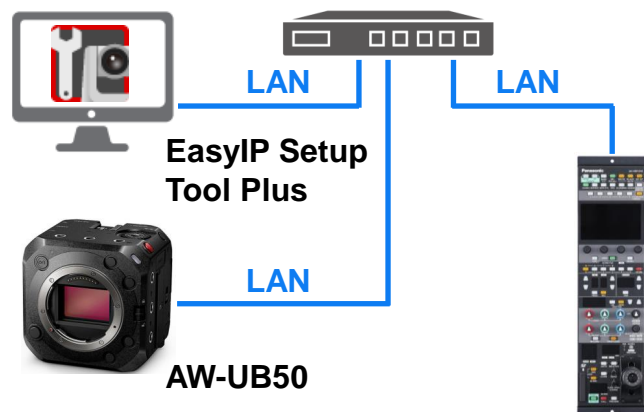


Media Production Suite Free



EasyIP Setup Tool Plus Free

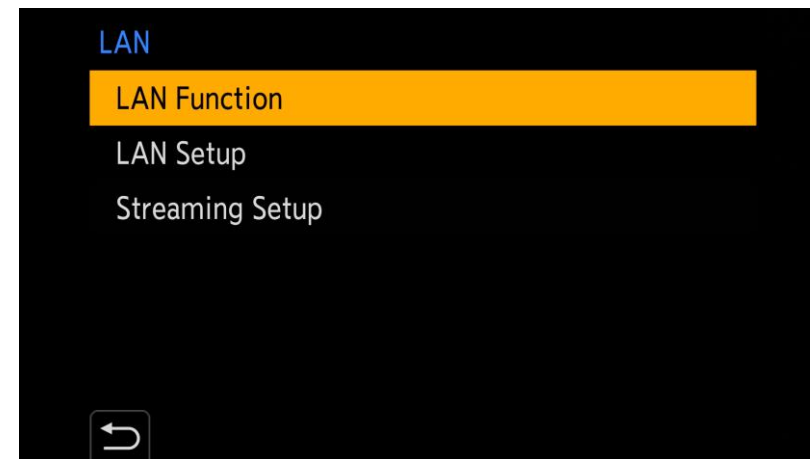
## 2-1a. Camera setup – LAN function



1. Locate the UB50 and a PC in the same network as the HRP1010.



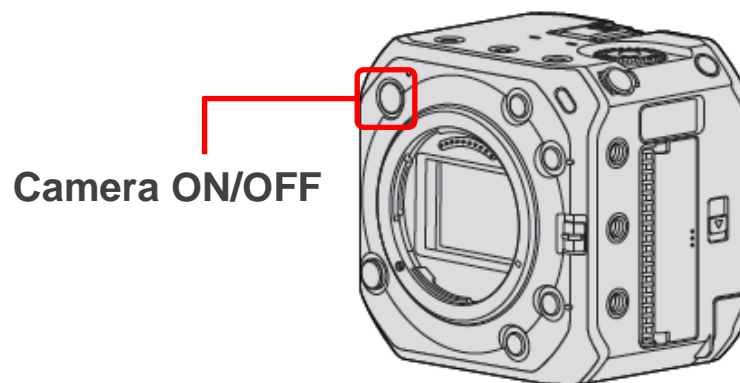
2. MENU/SET >  > IN/OUT > LAN



3. LAN Function



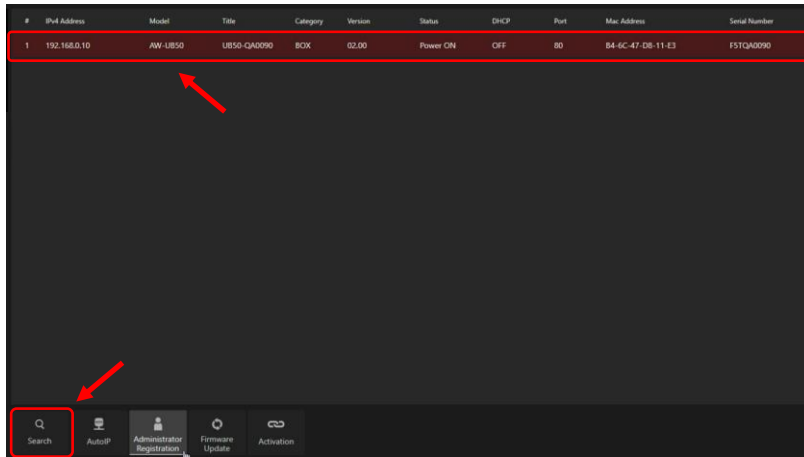
4. Control With Controller



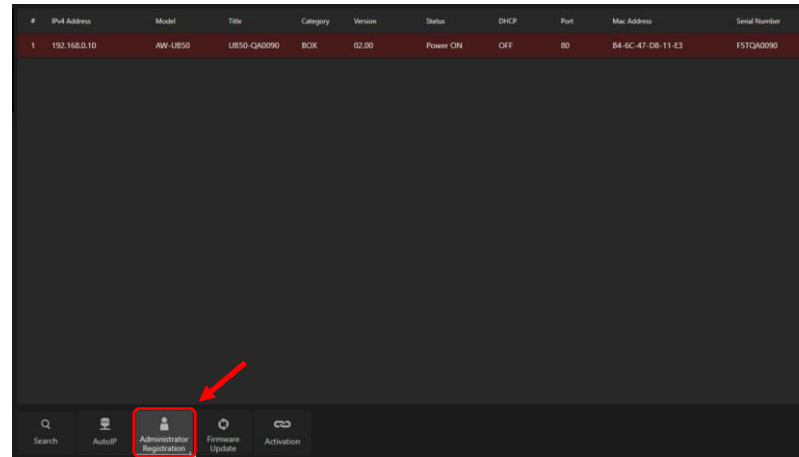
5. Turn off the camera by the Camera ON/OFF button, then turn back on the camera by the button.

※ In order for the UB box camera to remember setting changes you applied via the menu, rebooting the camera by the Camera ON/OFF button is required.

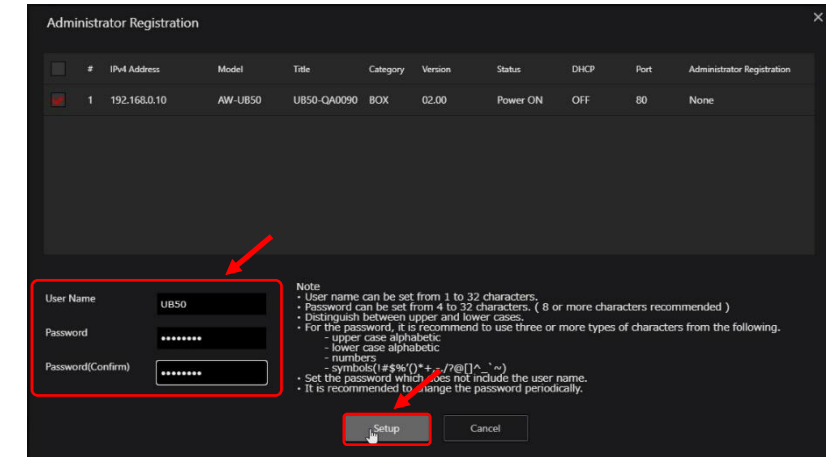
# 2-1b. Camera setup – Administrator registration w/ EasyIP software



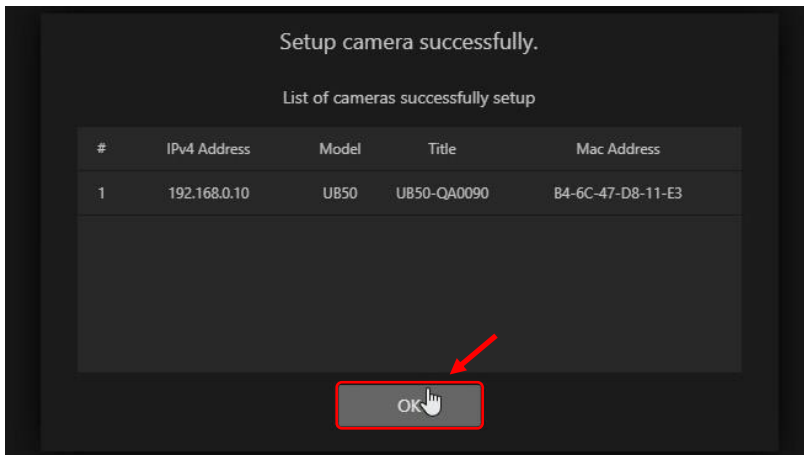
1. Open the EasyIP Setup Tool Plus.  
⇒ “Search” ⇒ It detects the UB50.



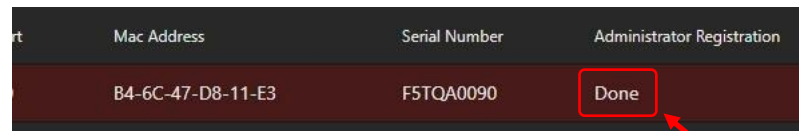
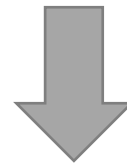
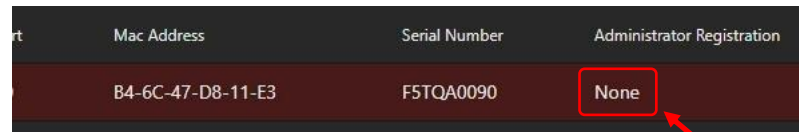
2. “Administrator Registration”



3. Set User Name & Password.  
(e.g. User Name: UB50, Password: 12345678)  
⇒ “Setup”



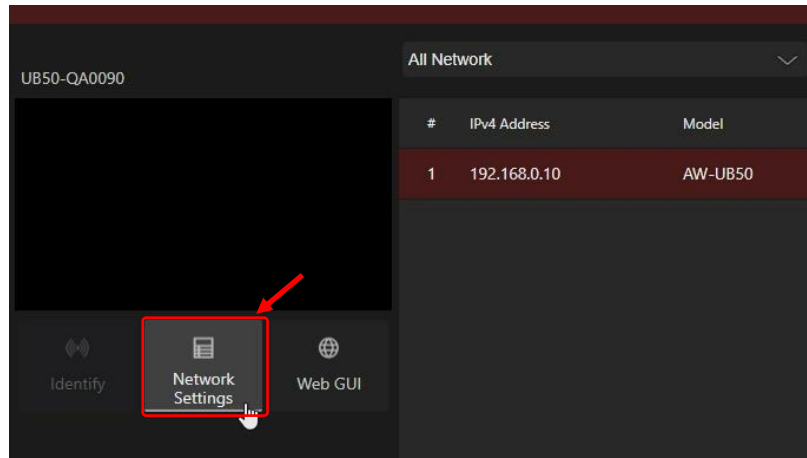
4. The window above shows up when the settings have been completed.  
⇒ “OK”



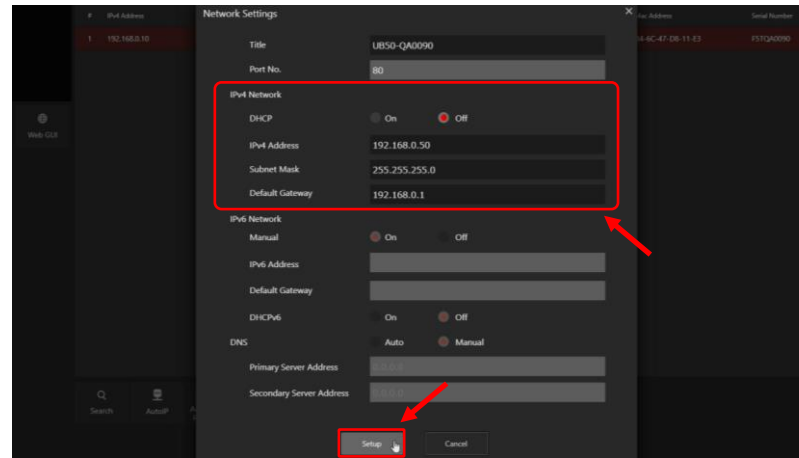
Administrator Registration changes from  
“None” to “Done”.



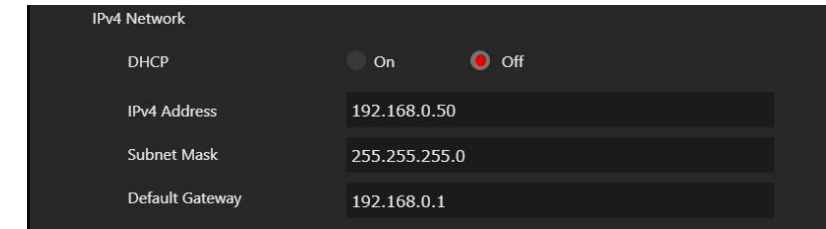
## 2-1c. Camera setup – Camera IP address w/ EasyIP software



1. “Network Settings”

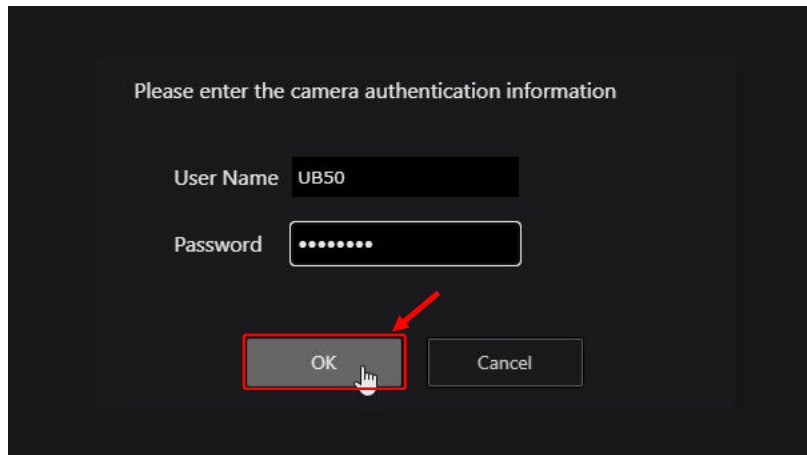


2. Set IPv4 Network parameters.  
⇒ “Setup”

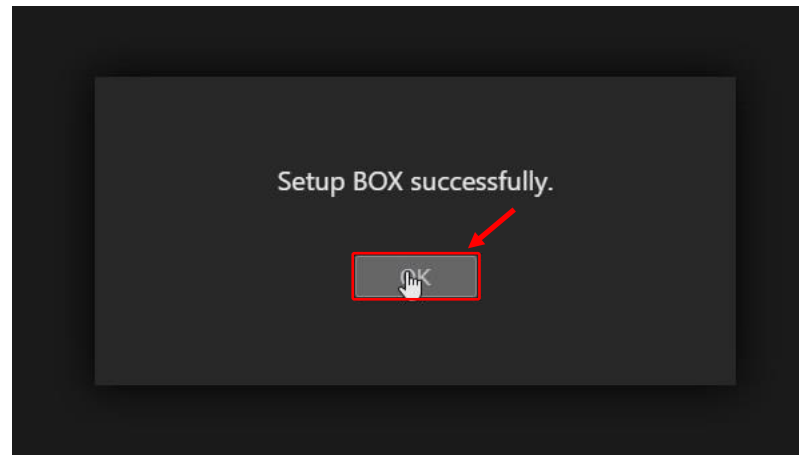


e.g.

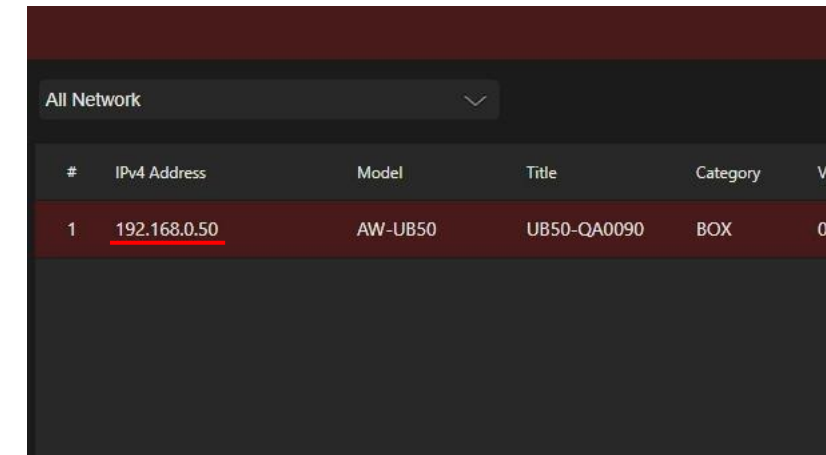
- DHCP : Off
- IPv4 Address : 192.168.0.50
- Subnet Mask : 255.255.255.0
- Default Gateway : 192.168.0.1



3. Enter User Name & Password that you had set [at the step #3. in the previous page.](#) ⇒ “OK”

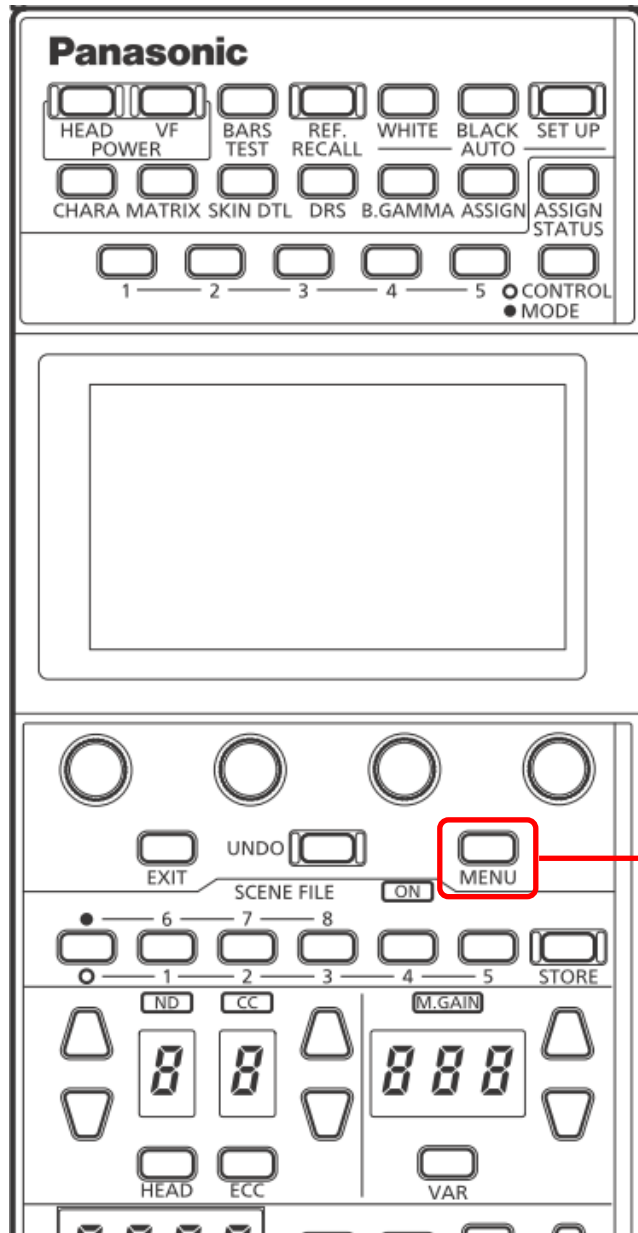


4. The window above shows up when the settings have been completed.  
⇒ “OK”

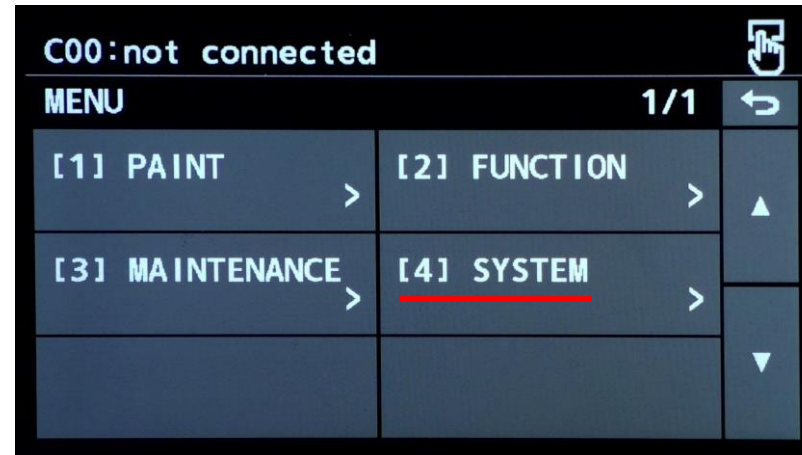


5. IPv4 Address has been updated.

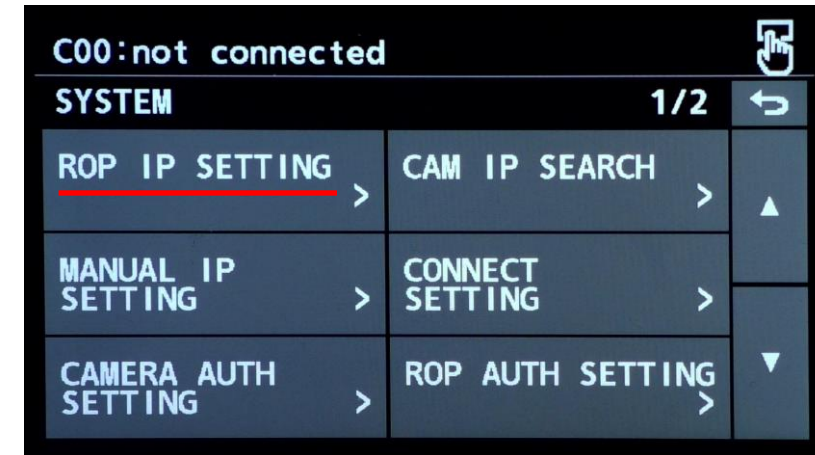
## 2-2a. HRP1010 setup – HRP IP address



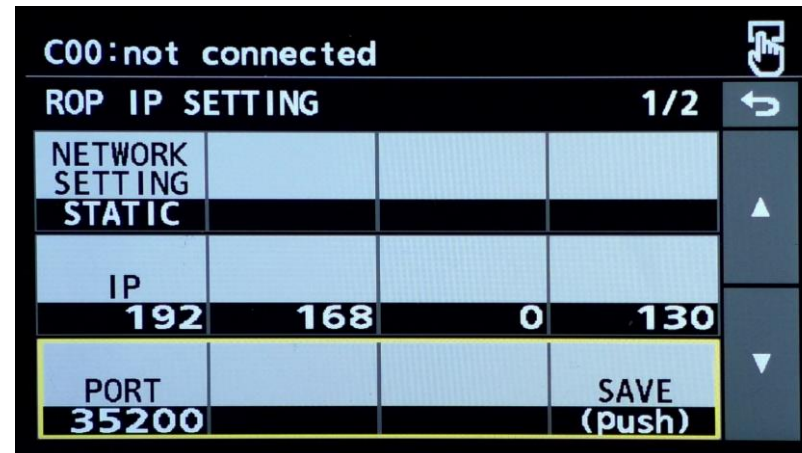
MENU



1. MENU > [4] SYSTEM



2. ROP IP SETTING



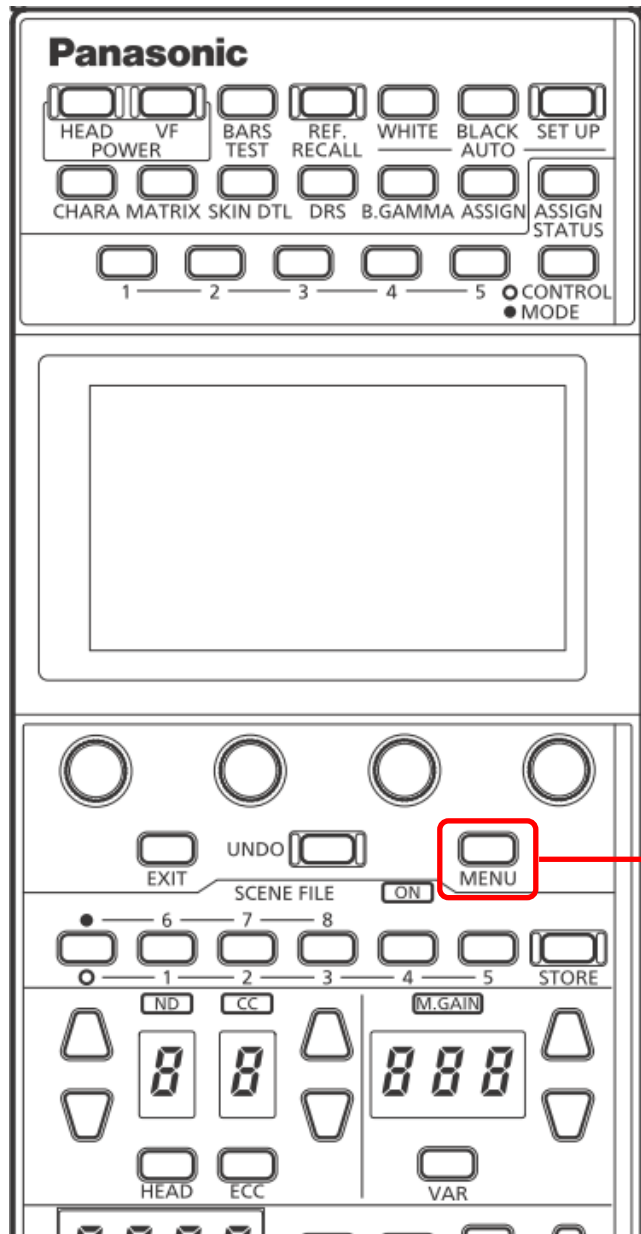
3. Set the IP address for the HRP1010.  
⇒ SAVE (Push) ⇒ OK ⇒ Reboot ROP.

e.g.

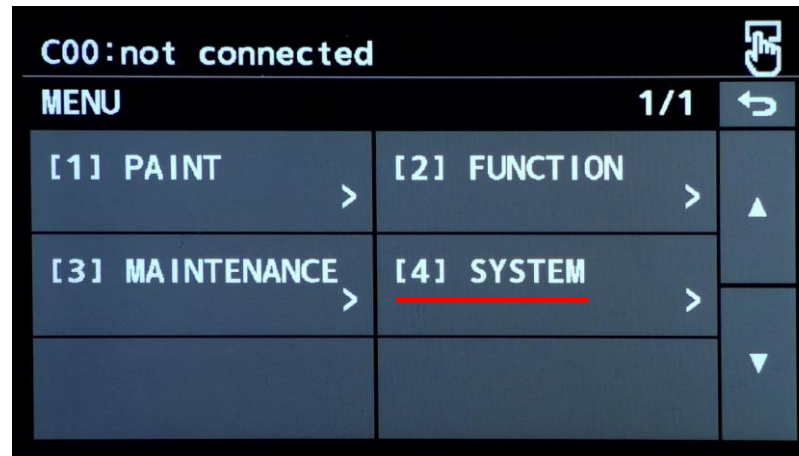
- NETWORK SETTING : STATIC
- IP : 192.168.0.130
- SUBNET : 255.255.255.0
- DEFAULT GATEWAY : 192.168.0.254

※ No need to change PORT (35200).

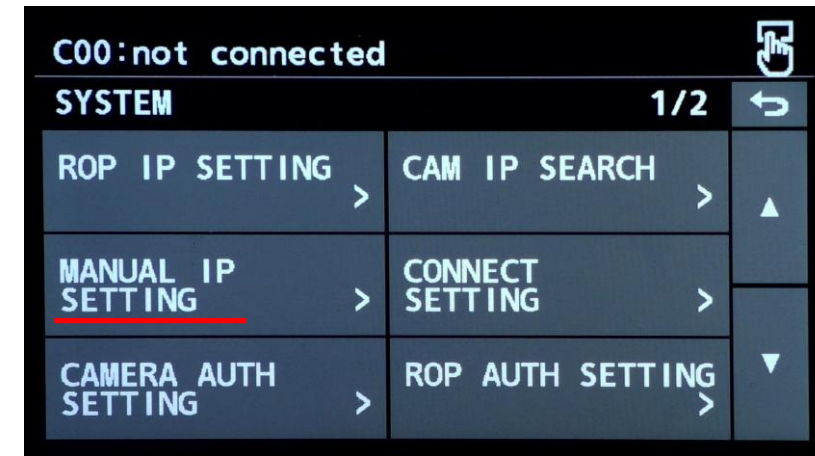
## 2-2b. HRP1010 setup – Camera IP address, Port #



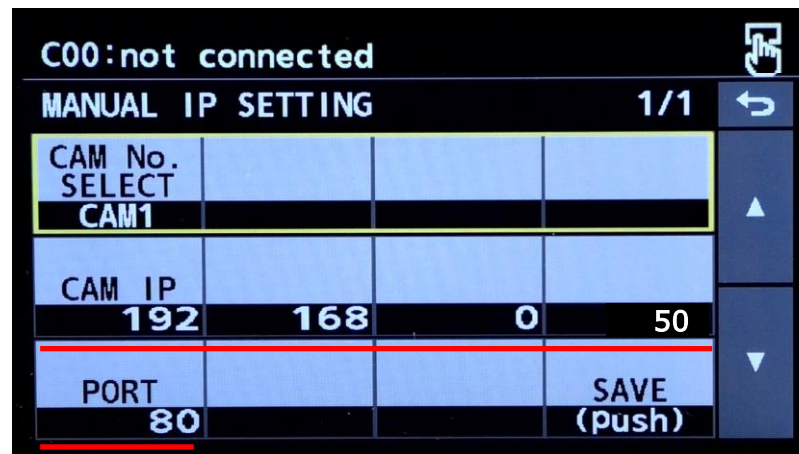
MENU



1. MENU > [4] SYSTEM



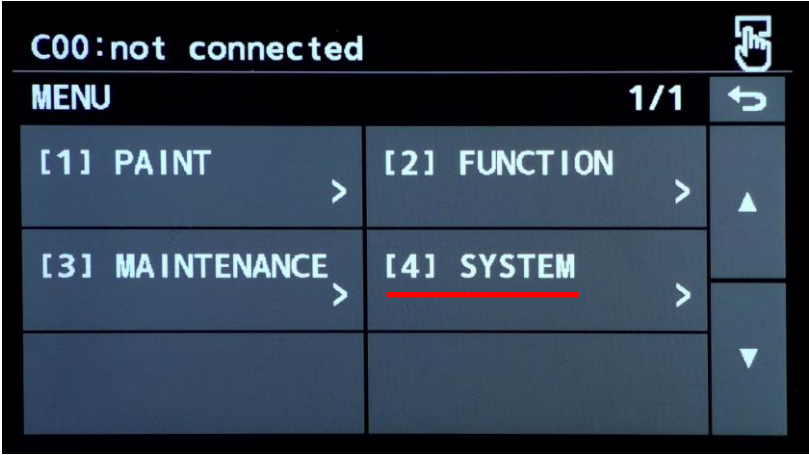
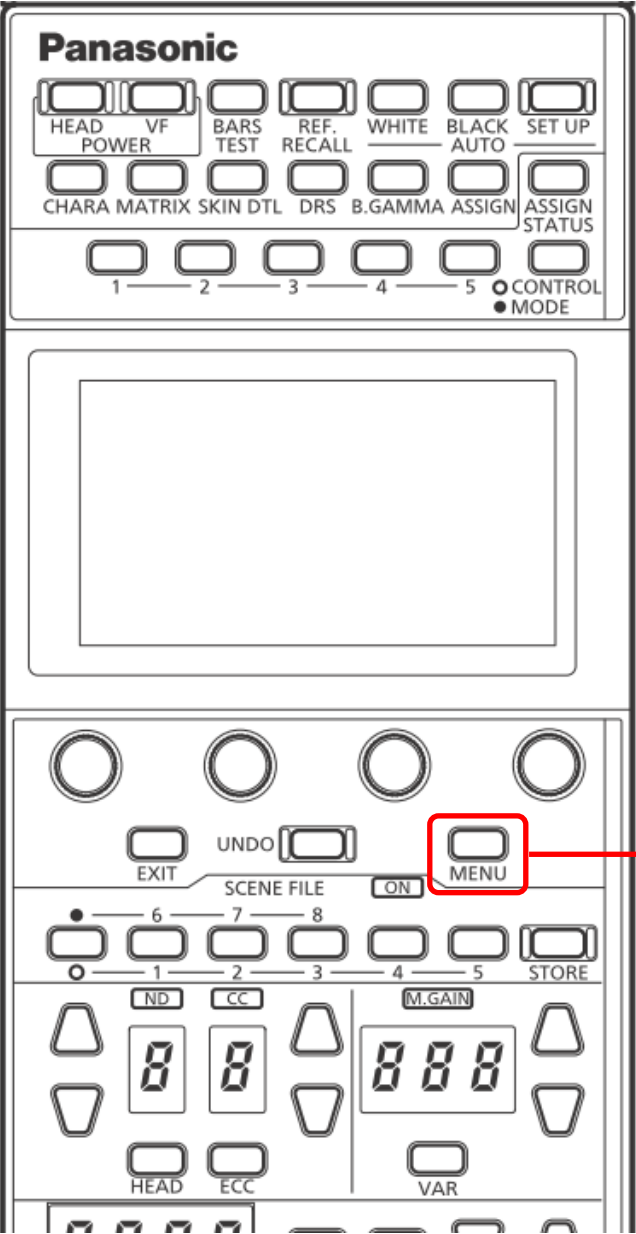
2. MANUAL IP SETTING



3. Set the camera IP address ([see the previous page](#)) and 80 for PORT.

⇒ SAVE (Push) ⇒ OK

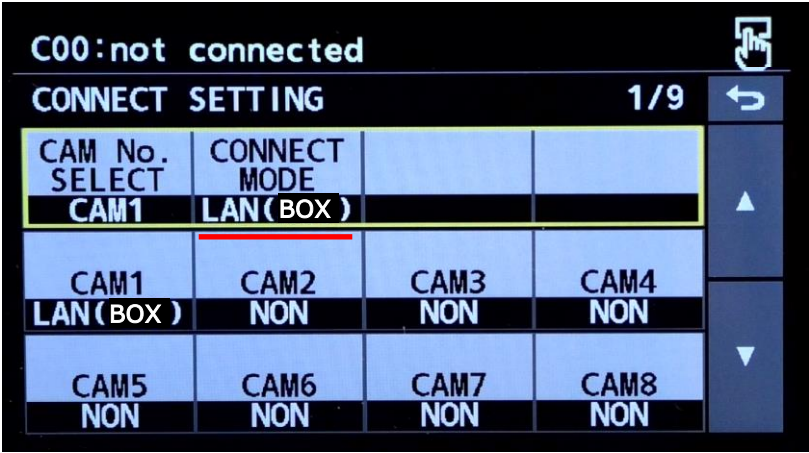
# 2-2c. HRP1010 setup – Connect mode



1. MENU > [4] SYSTEM



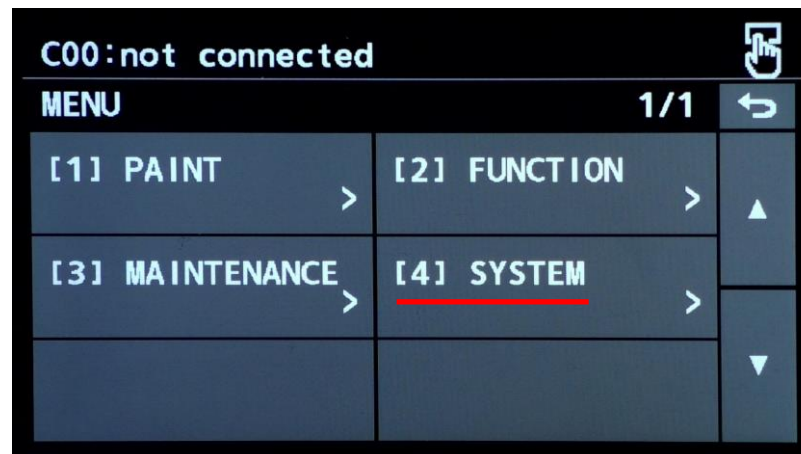
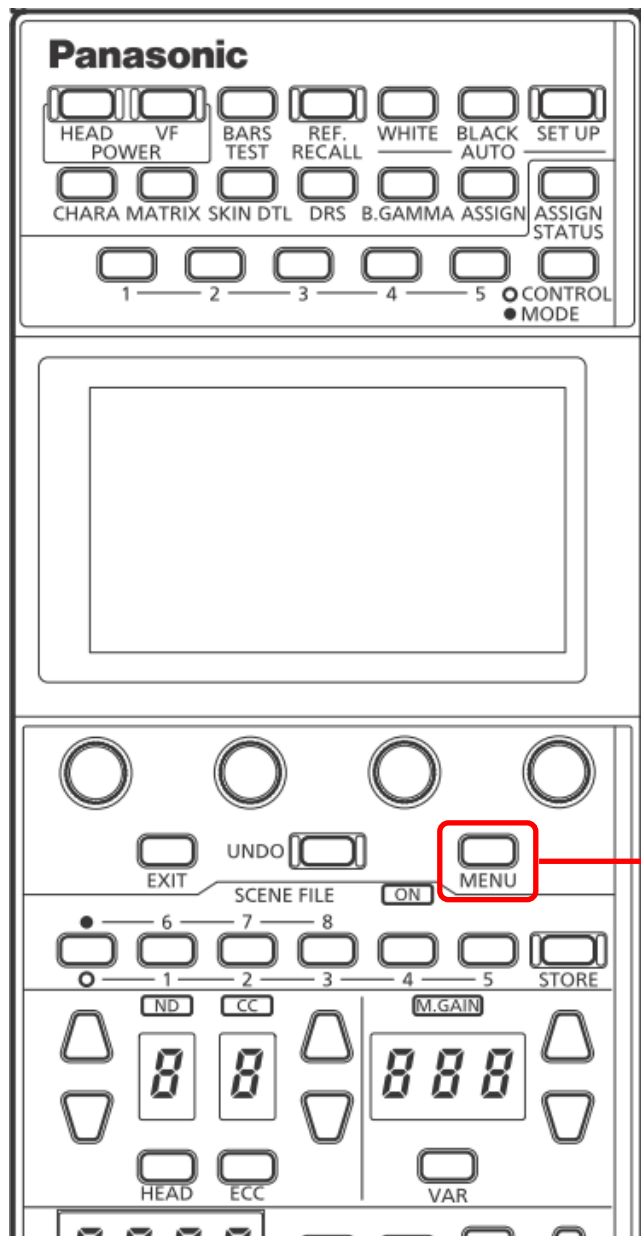
2. CONNECT SETTING



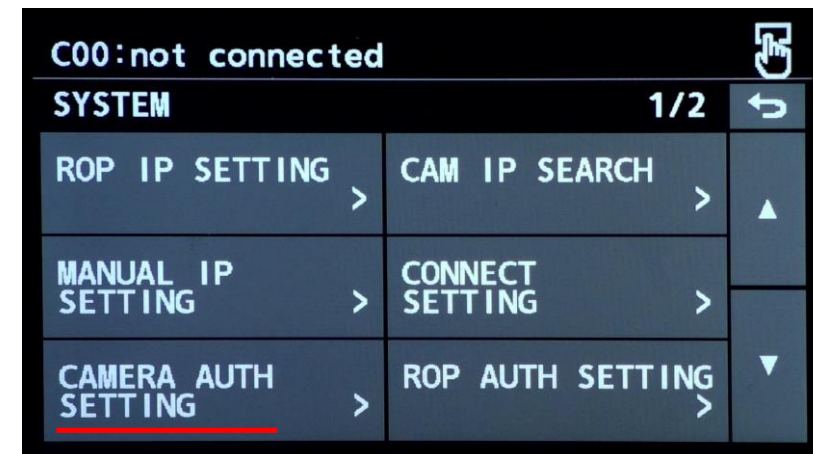
3. Set LAN (BOX) for CONNECT MODE.



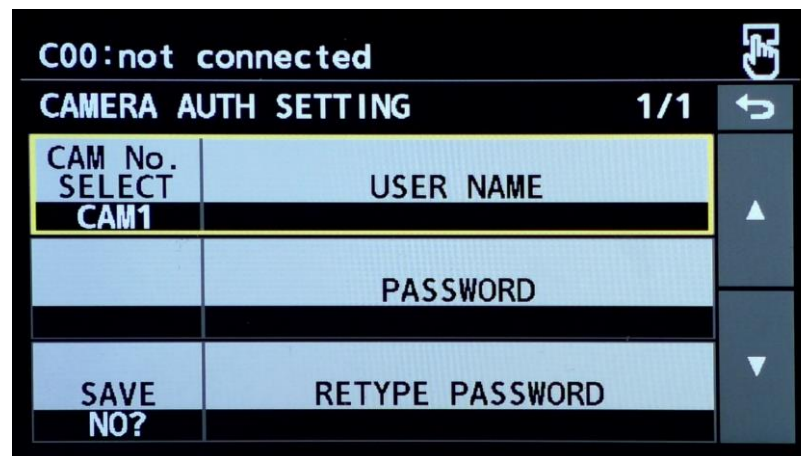
## 2-2d. HRP1010 setup – Camera authentication



1. MENU > [4] SYSTEM

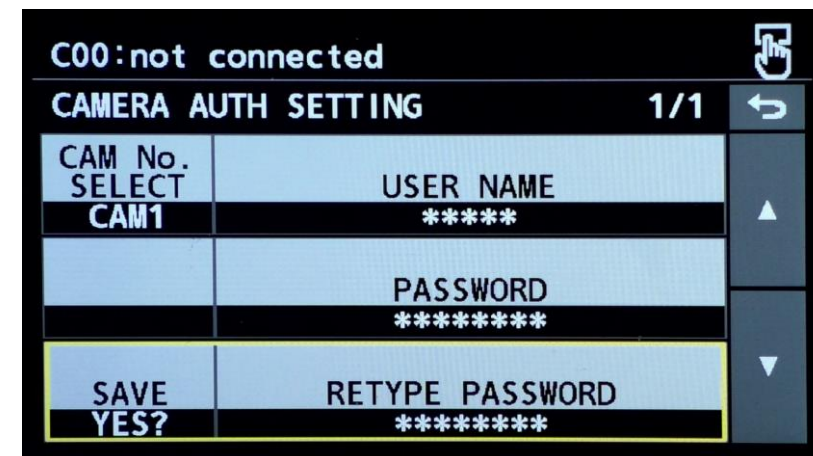


2. CAMERA AUTH SETTING



3. Set USER NAME & PASSWORD to be  
the same as the UB box camera's.

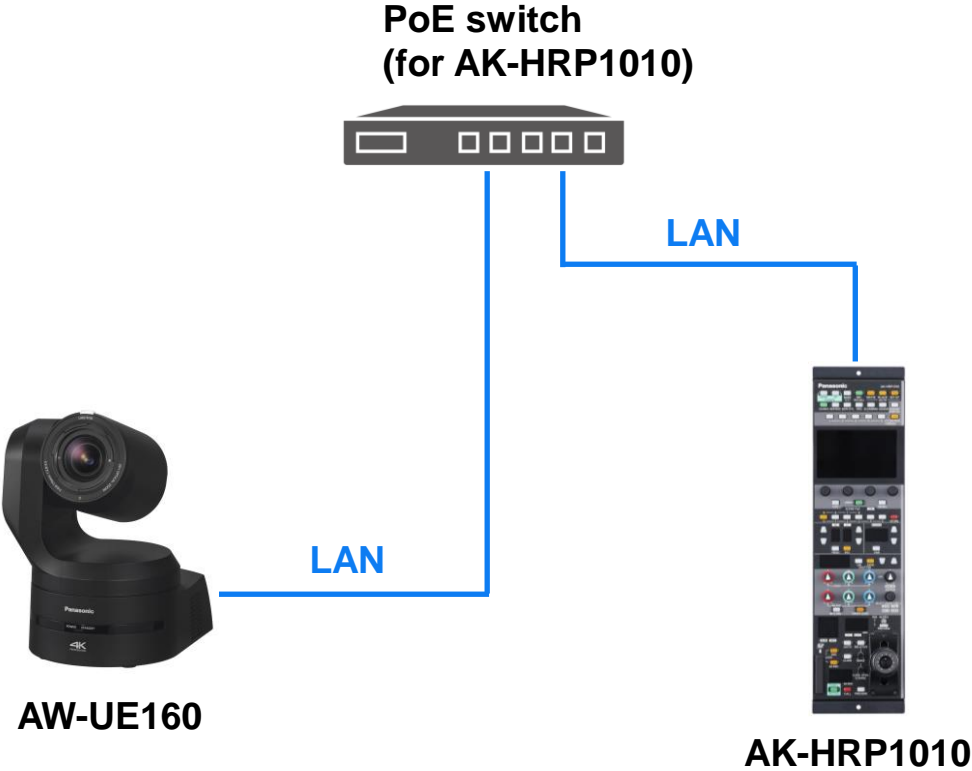
※ USER NAME & PASSWORD are case- sensitive.



4. Set "YES?" for SAVE. ⇒ Yes

⇒ The connection should be established!

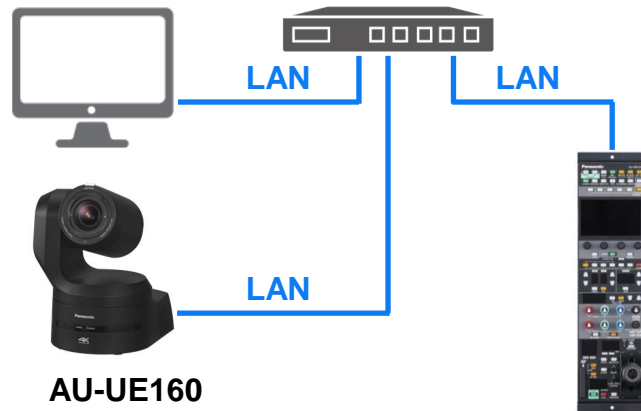
### 3. Setup with PTZ Camera (AW-UE160)



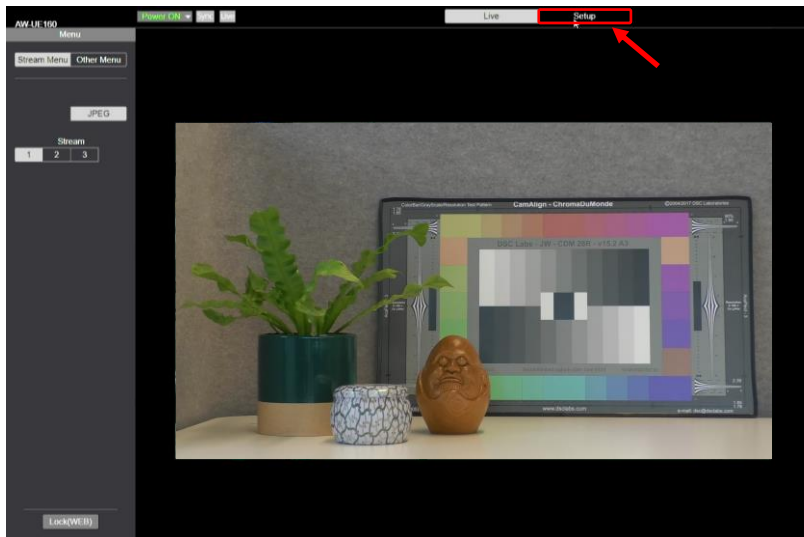
PTZ Camera	CONNECT MODE	PORT
AW-UE160	LAN (AW7)	80
AW-UE150A, UE150, HE145	LAN (AW4)	80
AW-UE100	LAN (AW5)	80
AW-UE80, UE50, UE40, UE30	LAN (AW6)	80
AW-UE4	LAN (AW8)	80
AW-UR100	LAN (AW9)	80
AW-HE130, HN130	LAN (AW2)	80
AW-UE70, UN70, AW-HE42, HE40, HN40, AW-HE38, HN38	LAN (AW3)	80
AW-HR140	LAN (AW2)	80

- In order for the HRP1010 to connect the PTZ camera, CAMERA AUTH SETTING is NOT required when User auth. is OFF in the target PTZ camera. CAM IP, PORT, and CONNECT MODE are the required parameters, and all of them are assigned automatically with CAM IP SEARCH function in the HRP1010.
- When User auth. or Host auth. are ON in the target PTZ camera, it is needed to setup the HRP1010 accordingly.

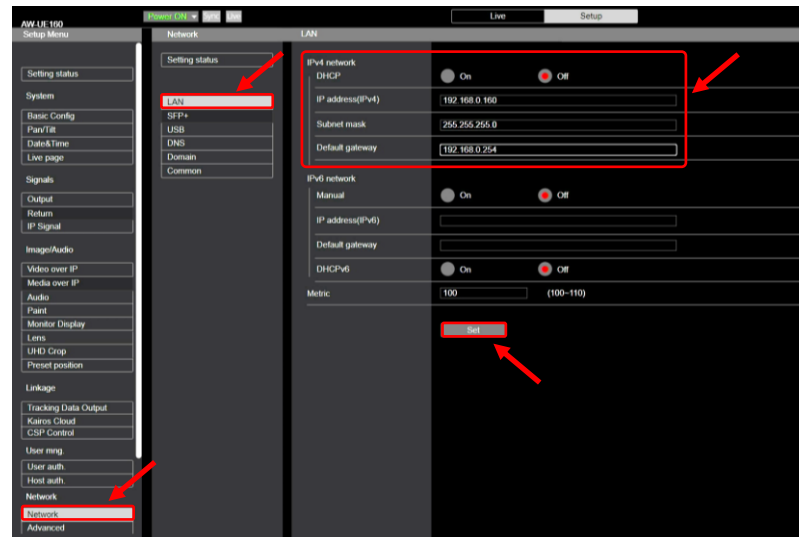
# 3-1. Camera setup – Camera IP address



1. Locate the UE160 and a PC in the same network as the HRP1010.



2. Open the camera Web-GUI and select “Setup”.



3. “Network” > “LAN” ⇒ Set parameters.  
⇒ “Set”

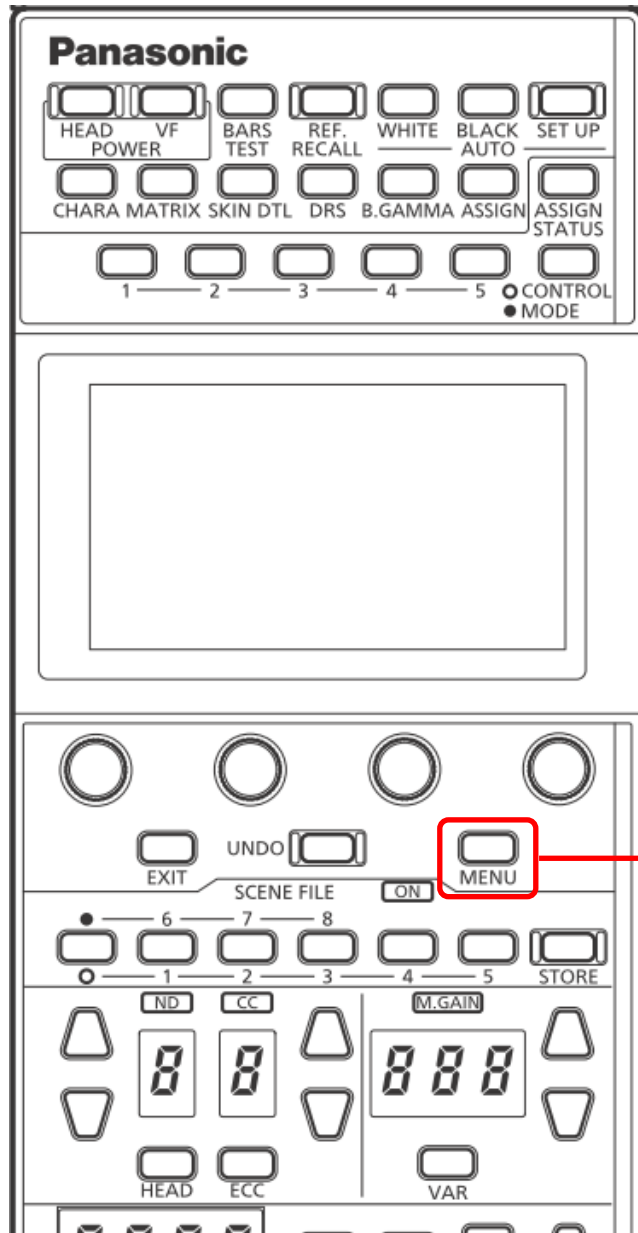
IPv4 network	
DHCP	<input type="radio"/> On <input checked="" type="radio"/> Off
IP address(IPv4)	192.168.0.160
Subnet mask	255.255.255.0
Default gateway	192.168.0.254

e.g.

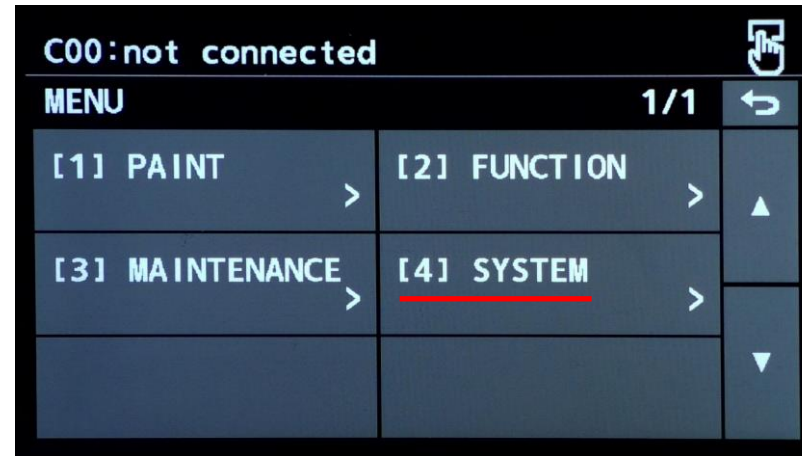
## IPv4 network

- DHCP : Off
- IP address(IPv4) : 192.168.0.160
- Subnet mask : 255.255.255.0
- Default gateway : 192.168.0.254

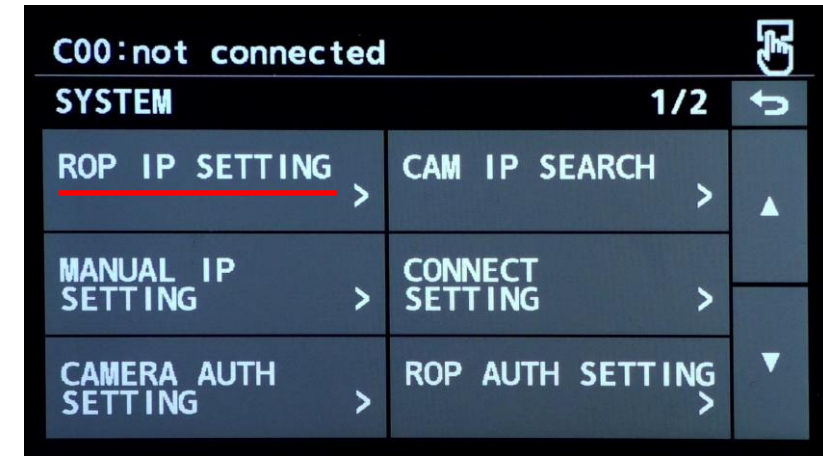
# 3-2a. HRP1010 setup – HRP IP address



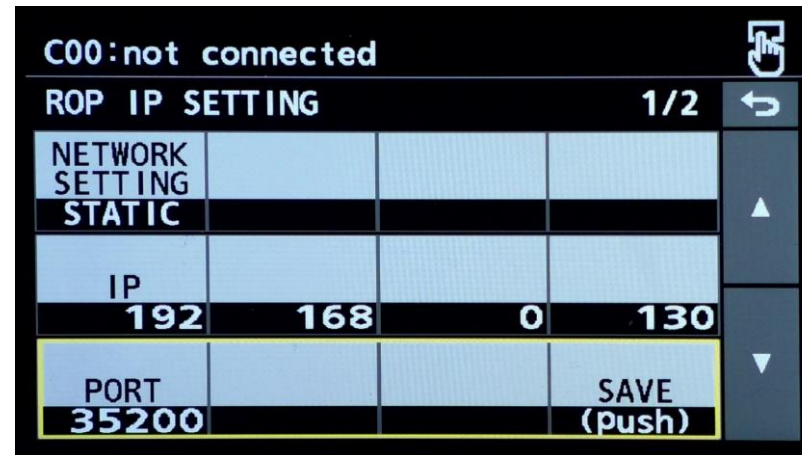
MENU



1. MENU > [4] SYSTEM



2. ROP IP SETTING



3. Set the IP address for the HRP1010.  
⇒ SAVE (Push) ⇒ OK ⇒ Reboot ROP.

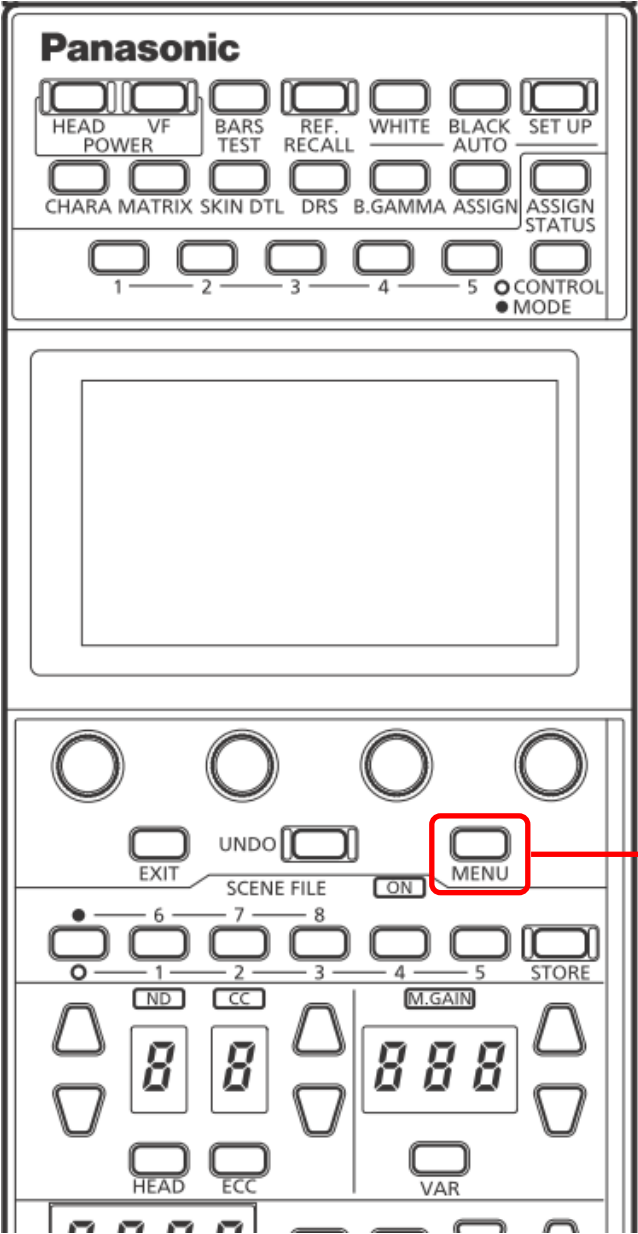
e.g.

- NETWORK SETTING : STATIC
- IP : 192.168.0.130
- SUBNET : 255.255.255.0
- DEFAULT GATEWAY : 192.168.0.254

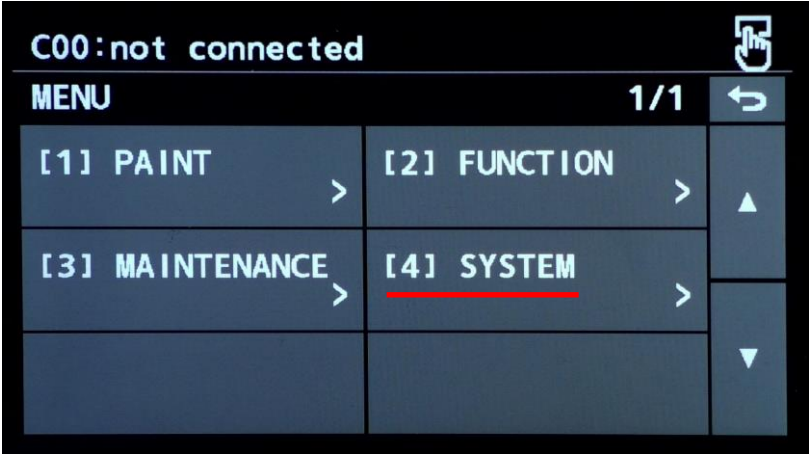
※ No need to change PORT (35200).



# 3-2b. HRP1010 setup – Camera IP Address, Port #, Connect mode



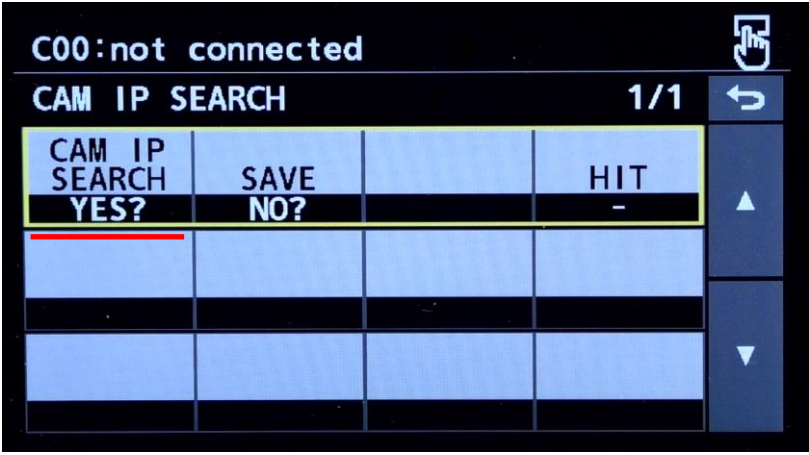
MENU



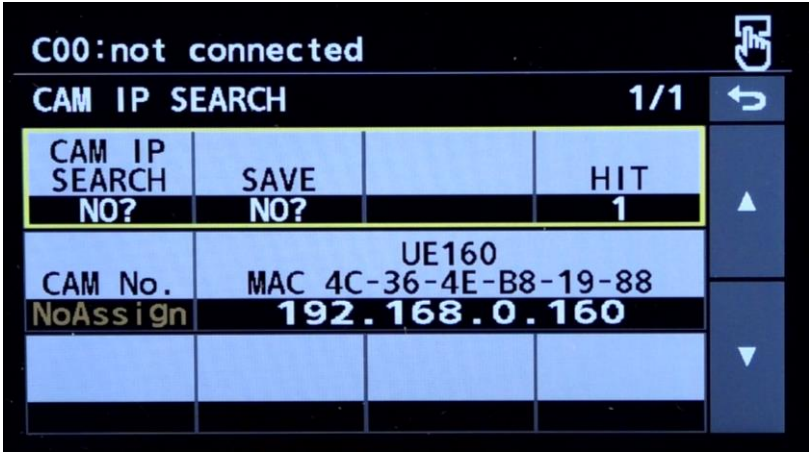
1. MENU > [4] SYSTEM



2. CAM IP SEARCH



3. Set "YES?" for CAM IP SEARCH.



4. The camera(s) in the same network as the HRP1010 shows up.

## 3-2b. HRP1010 setup – Camera IP Address, Port #, Connect mode

C00: not connected

CAM IP SEARCH 1/1

CAM IP SEARCH	SAVE		HIT
NO?	YES?		1
UE160			
CAM No.	MAC 4C-36-4E-B8-19-88		
1	192.168.0.160		

5. Set CAM No. (e.g. 1) and “YES?” for SAVE.

C01: AW-UE160

CAM IP SEARCH 1/1

CAM IP SEARCH	SAVE		HIT
NO?	NO?		-
UE160			
CAM No.	MAC 4C-36-4E-B8-19-88		
1	192.168.0.160		

6. SAVE and HIT turn to “NO?” and “-”.
- ⇒ The connection should be established!

C01: AW-UE160

MENU 1/1

[1] PAINT >	[2] FUNCTION >
[3] MAINTENANCE >	<u>[4] SYSTEM &gt;</u>

7. MENU > [4] SYSTEM

C01: AW-UE160

MANUAL IP SETTING 1/1

CAM No. SELECT			
CAM1			
CAM IP			
192	168	0	160
PORT			
80			SAVE (push)

8. MANUAL IP SETTING:
- The assigned CAM IP and PORT can be confirmed.

※ In this example, the UE160 has been assigned as CAM #1 in the HRP1010.

※ With the following step #7 – 9, you can confirm if the appropriate parameters have been assigned.

C01: AW-UE160

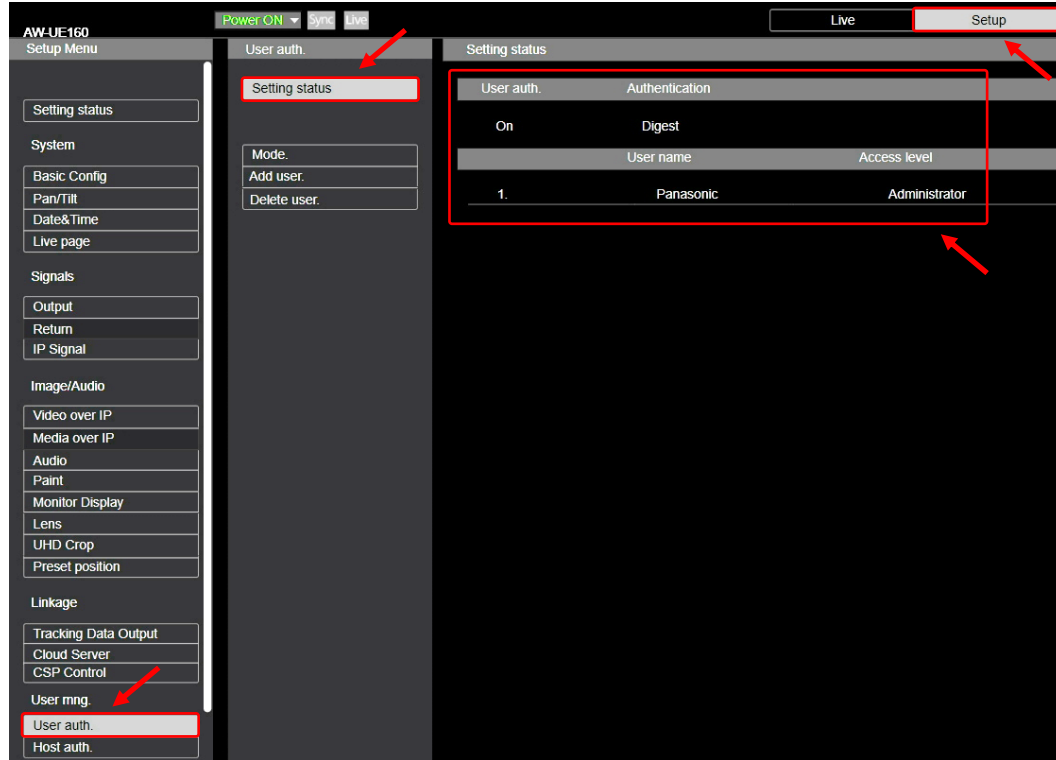
CONNECT SETTING 1/9

CAM No. SELECT	CONNECT MODE		
CAM1	LAN(AW7)		
CAM1 LAN(AW7)	CAM2 NON	CAM3 NON	CAM4 NON
CAM5 NON	CAM6 NON	CAM7 NON	CAM8 NON

9. CONNECT SETTING:
- The assigned CONNECT MODE can be confirmed.

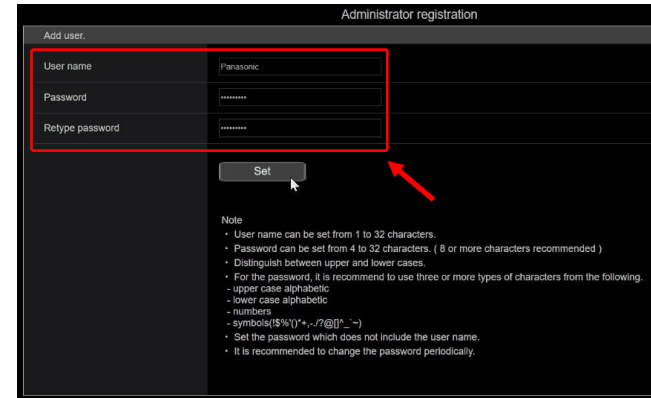
# 3-3. User auth. is ON in the target PTZ camera

- ❑ User auth. – If this function is ON, only the user who knows User name & Password can access the target PTZ camera.



※ In this example, User auth. is ON, and a User name “Panasonic” had been registered as Administrator.

※ Although you can add User name & Password in Add user. menu, the very first User name & Password are the ones that you had registered when you had accessed the Web-GUI at the first time.

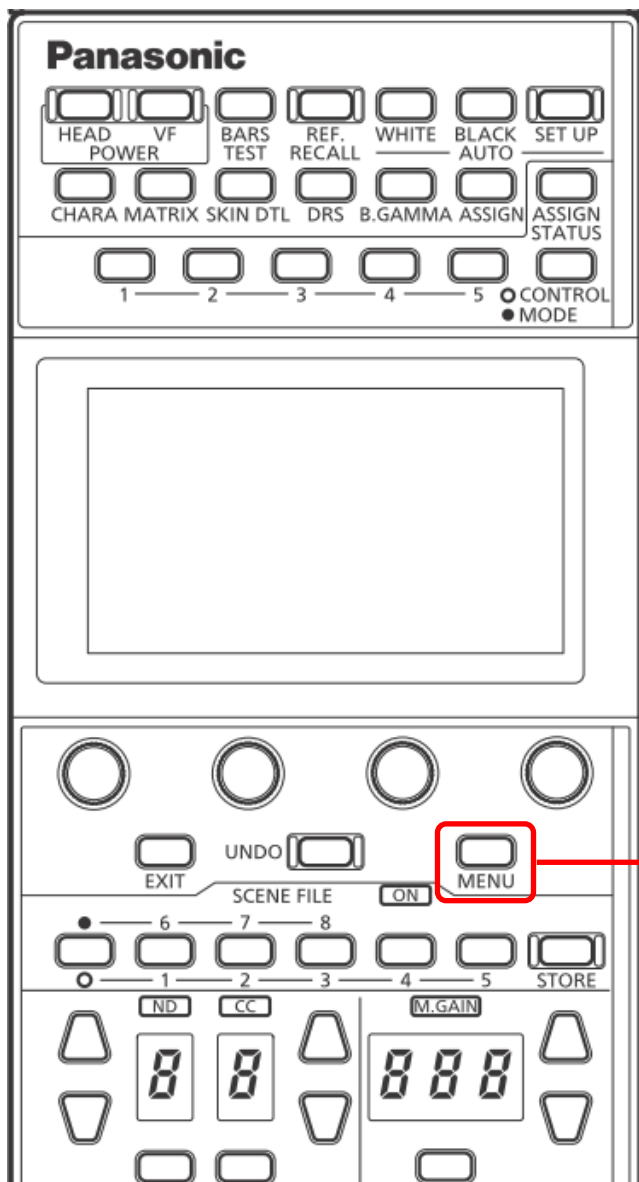


1. Check the status of User auth. in the target PTZ camera.  
Open Web-GUI ⇒ “Setup” > “User auth.” > “Setting status”

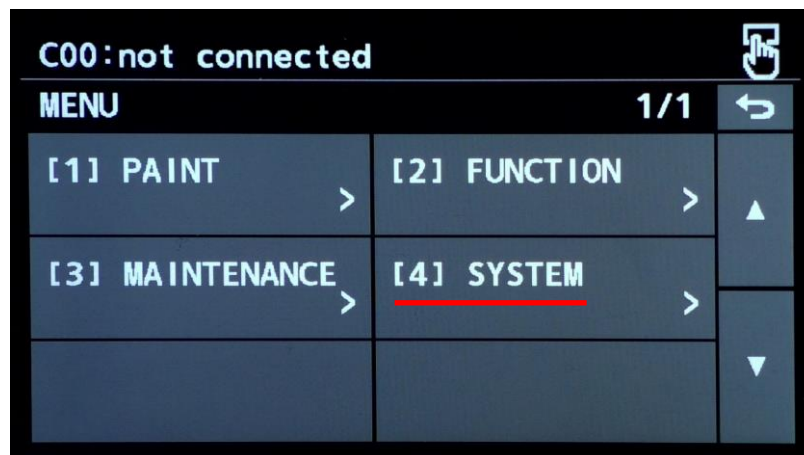


# 3-3. User auth. is ON in the target PTZ camera

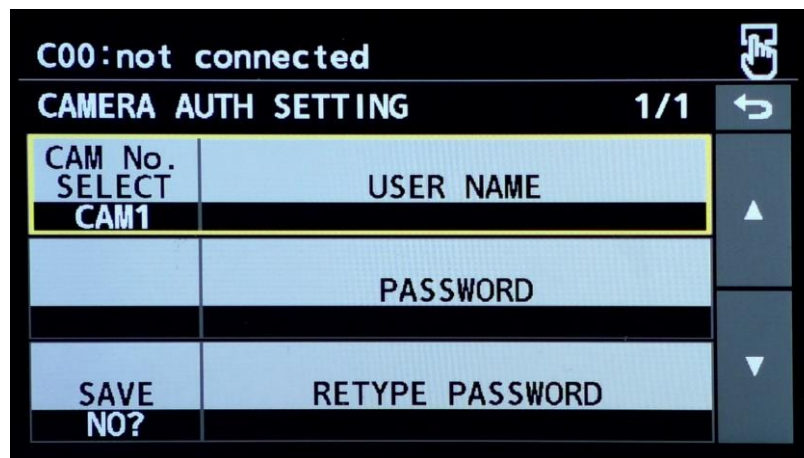
- Register the same USER NAME & PASSWORD as the target PTZ camera's to the HRP1010 as below.



MENU

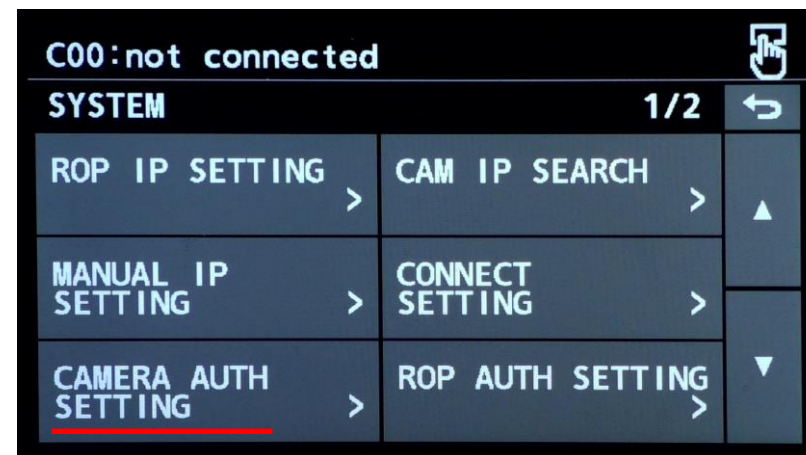


2. MENU > [4] SYSTEM

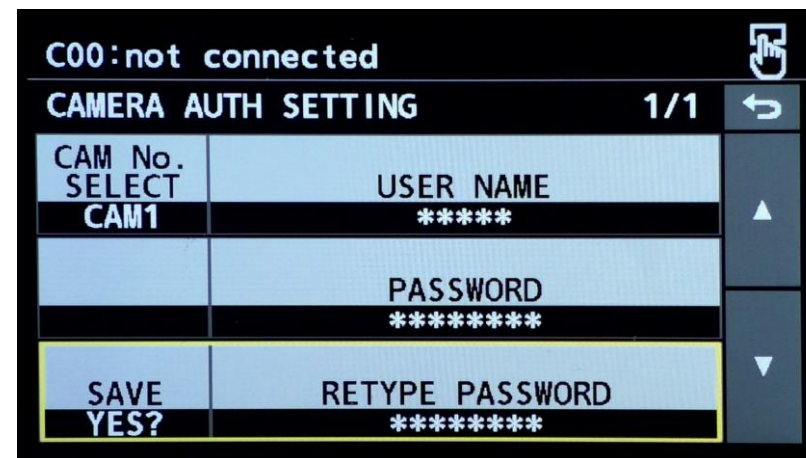


4. Set USER NAME & PASSWORD to be  
the same as User auth.

※ USER NAME & PASSWORD are case- sensitive.



3. CAMERA AUTH SETTING



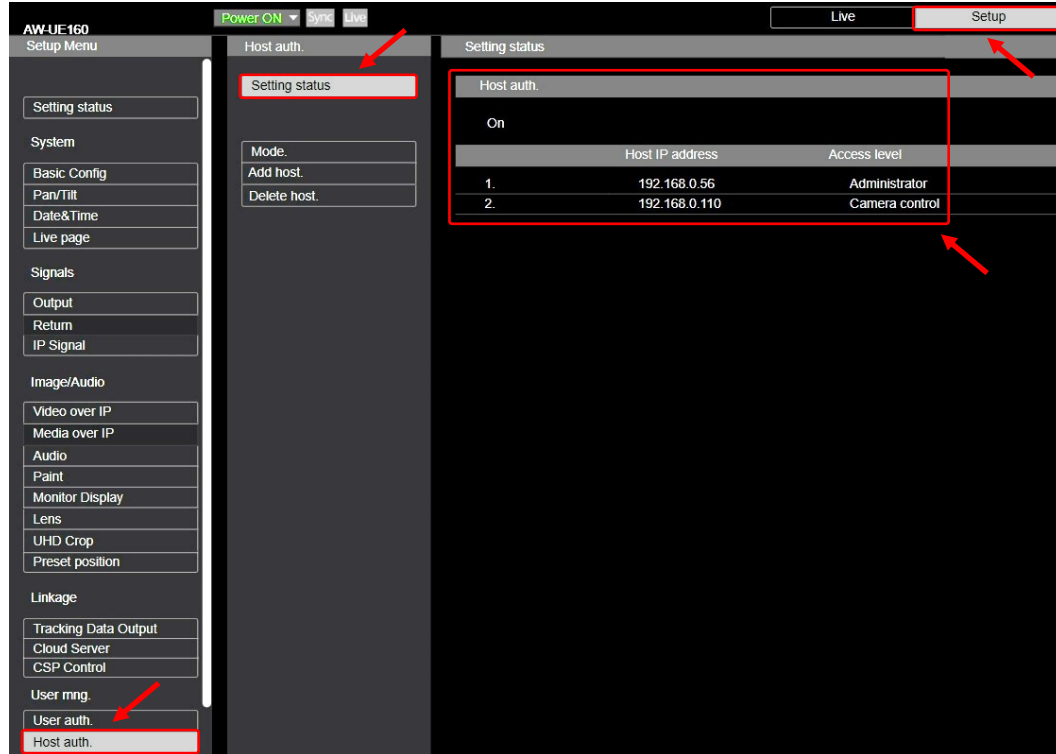
5. Set "YES?" for SAVE. ⇒ Yes

⇒ The connection should be established!



# 3-4. Host auth. is ON in the target PTZ camera.

- ❑ Host auth. – If this function is ON, only the device whose IP address had been registered can access the target PTZ camera.

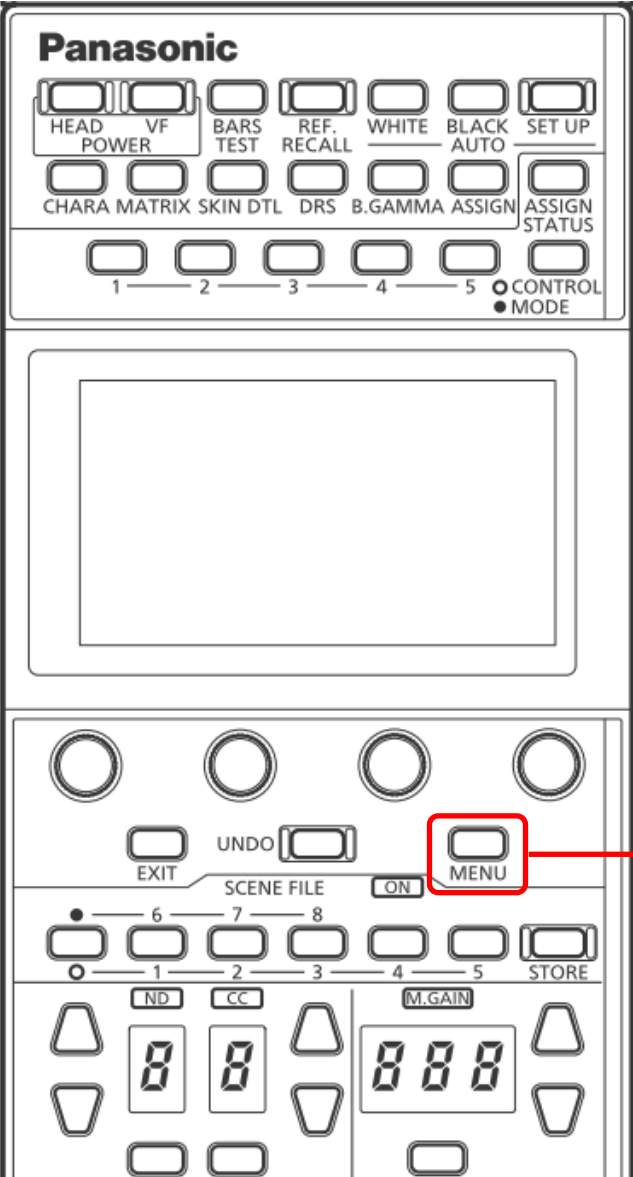


※ In this example, Host auth. is ON. “192.168.0.56” had been registered as Administrator, and “192.168.0.110” had been registered as Camera control.

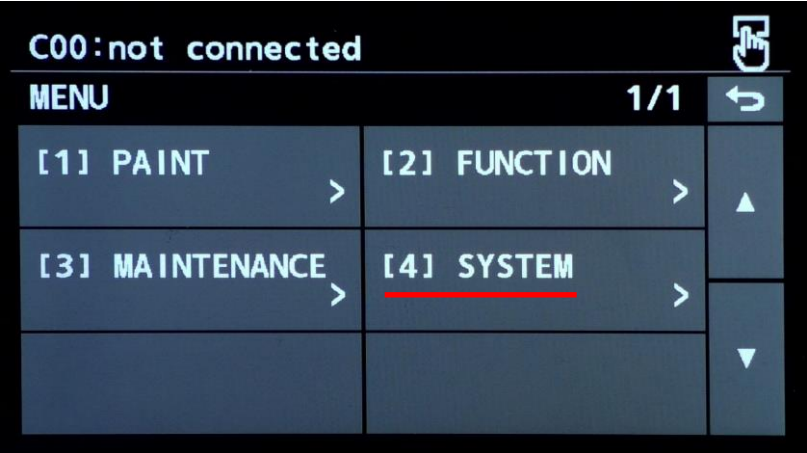
1. Check the status of Host auth. in the target PTZ camera.  
Open Web-GUI ⇒ “Setup” > “Host auth.” > “Setting status”

# 3-4. Host auth. is ON in the target PTZ camera.

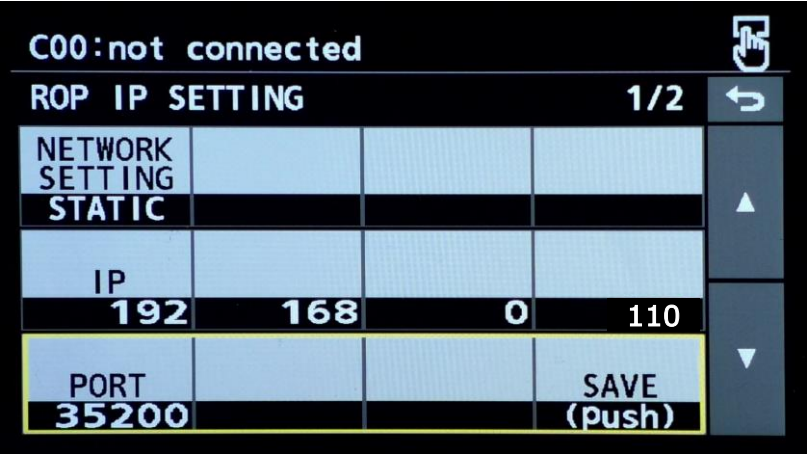
- Assign the IP address, which had been registered in the target PTZ camera, to the HRP1010 as below.



MENU



2. MENU > [4] SYSTEM



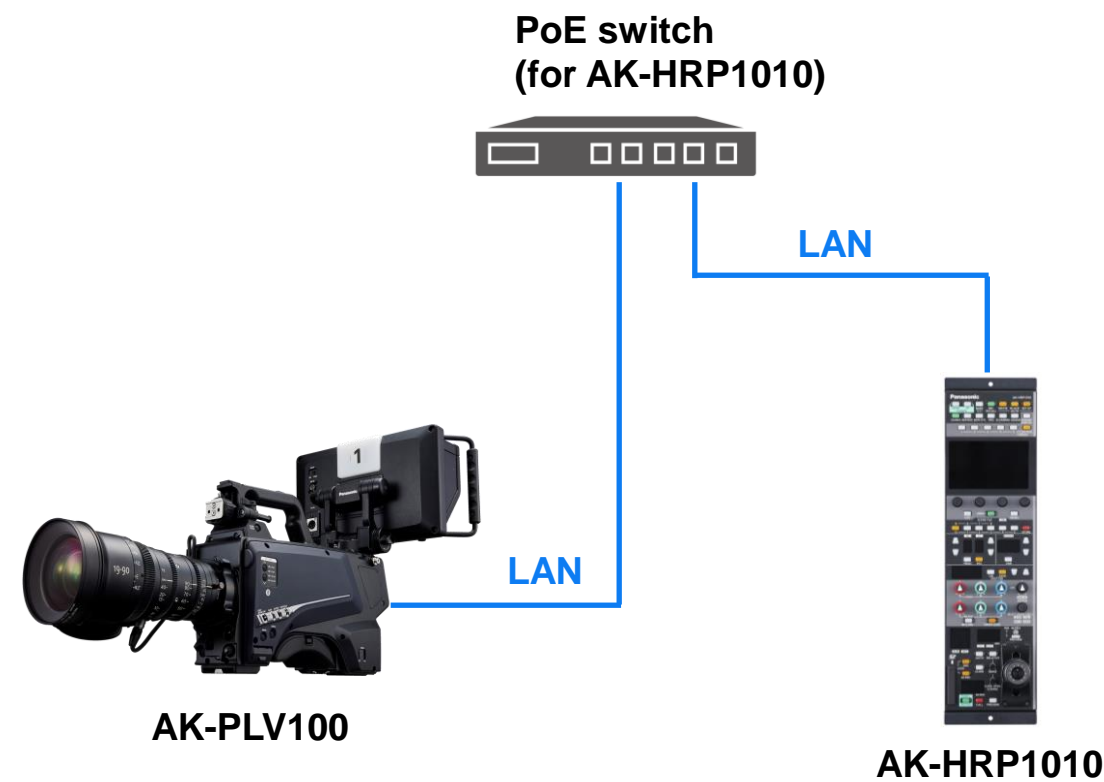
4. Set the IP address for the HRP1010.  
⇒ SAVE (Push) ⇒ OK ⇒ Reboot ROP.



3. ROP IP SETTING

※ The HRP1010's IP address needs to match the one that had been registered as the host IP address in the target PTZ camera. In this example, it is 192.168.0.110. (see the previous page)

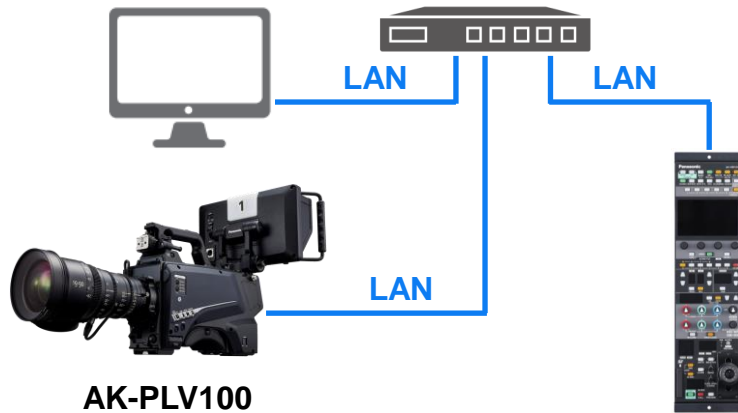
# 4. Setup with Studio Camera w/o CCU (AK-PLV100)



Studio Camera	CONNECT MODE	PORT
AK-UCX100	LAN (UCX)	49152
AK-UC4000	LAN	49152
AK-UC3300	LAN	49152
AK-PLV100	LAN	49152
AK-HC3900	LAN	49152
AK-HC5000	LAN	49152
AK-UC3000	LAN	49152
AK-UB300	LAN (AW)	80

- In order for the HRP1010 to connect the studio camera, CAM IP, PORT, and CONNECT MODE are always the required parameters. As for CAMERA AUTH SETTING, the requirement varies depending on the models. In the chart on the top, the **UCX100**, **PLV100**, and **HC3900** require CAMERA AUTH SETTING. Other models do not require it with the default settings.
- CAM IP SEARCH function in the HRP1010 does assign appropriate CAM IP, PORT, and CONNECT MODE except for the **PLV100** and **HC3900**. For these models, the function assigns **80** instead of **49152** for PORT. This needs to be corrected manually.

# 4-1. Camera setup – ROP account setting, Camera IP address



1. Locate the PLV100 and a PC in the same network as the HRP1010.

Administrator registration

Add user

User name: admin

Password: [masked]

Retype Password: [masked]

Set

Note

- User name can be set from 1 to 32 characters.
- Password can be set from 4 to 32 characters. (8 or more characters recommended)
- Distinguish between upper and lower cases.
- For the password, it is recommended to use three or more types of characters from the following:
  - upper case alphabetic
  - lower case alphabetic
  - numbers
  - symbols(!"#\$%&'()\*+,-./:;@[]^\_`~)
- Set the password which does not include the user name.
- It is recommended to change the password periodically.

2. Open the camera's Web-GUI (Default IP 192.168.0.30)  
⇒ Execute Administrator registration.

e.g.

- User name : PLV100
- Password : 12345678
- Retype password : 12345678

AK-PLV100

Setup Menu

- Product info
- System mode
- Network
- ROP account setting
- User ring

ROP account setting

User list

Add user

Add user

User name: PLV100

Password: [masked]

Retype password: [masked]

Set

3. “ROP account setting” > “Add user”  
⇒ Set “User name” & “Password”.  
⇒ “Set”

AK-PLV100

Setup Menu

- Product info
- System mode
- Network
- ROP account setting
- User ring

ROP account setting

User list

Add user

User list

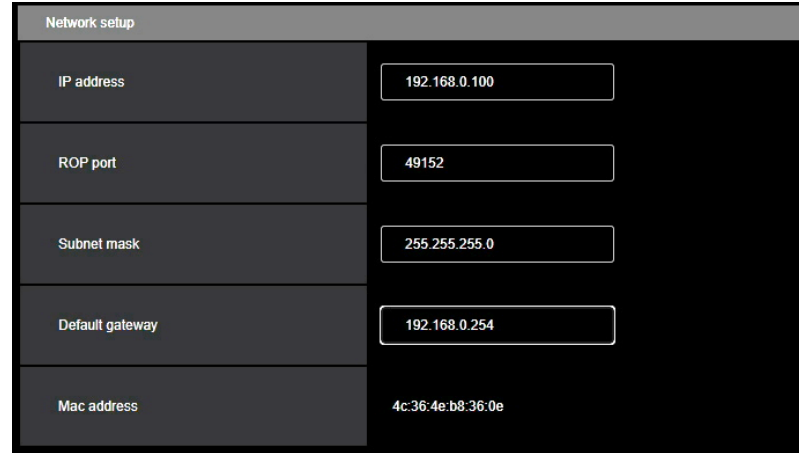
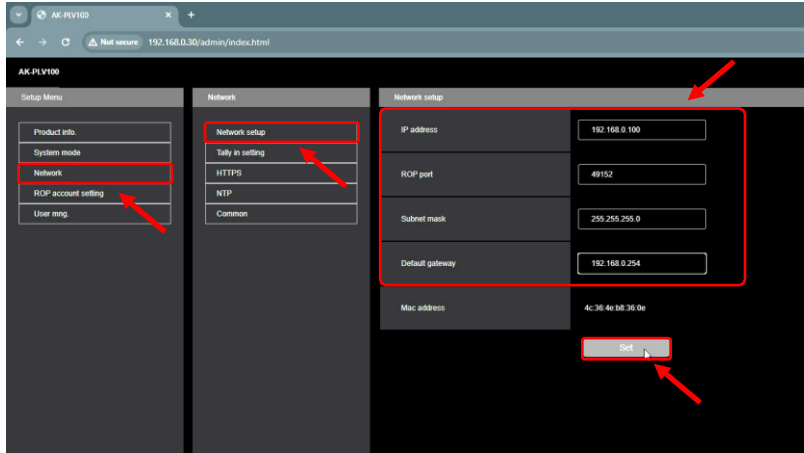
User list	User name	Password
1	PLV100	[masked]

Disable

4. “User list”  
⇒ Confirm User name & Password have been assigned.



# 4-1. Camera setup – ROP account setting, Camera IP address



e.g.

- IP address : 192.168.0.100
- Subnet mask : 255.255.255.0
- Default gateway : 192.168.0.254

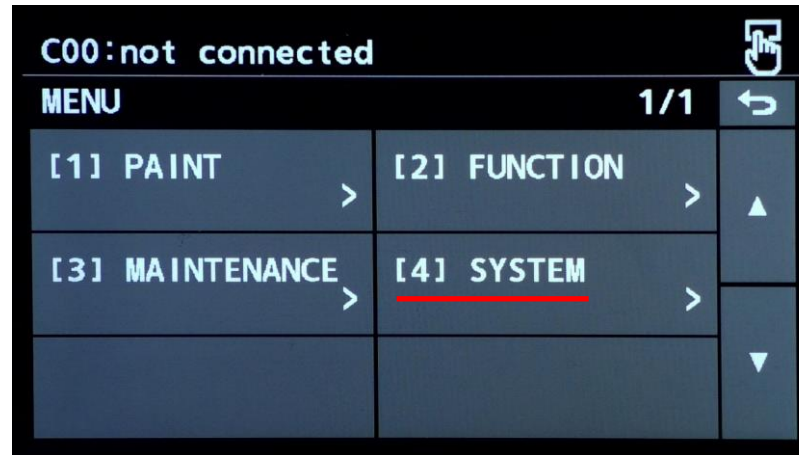
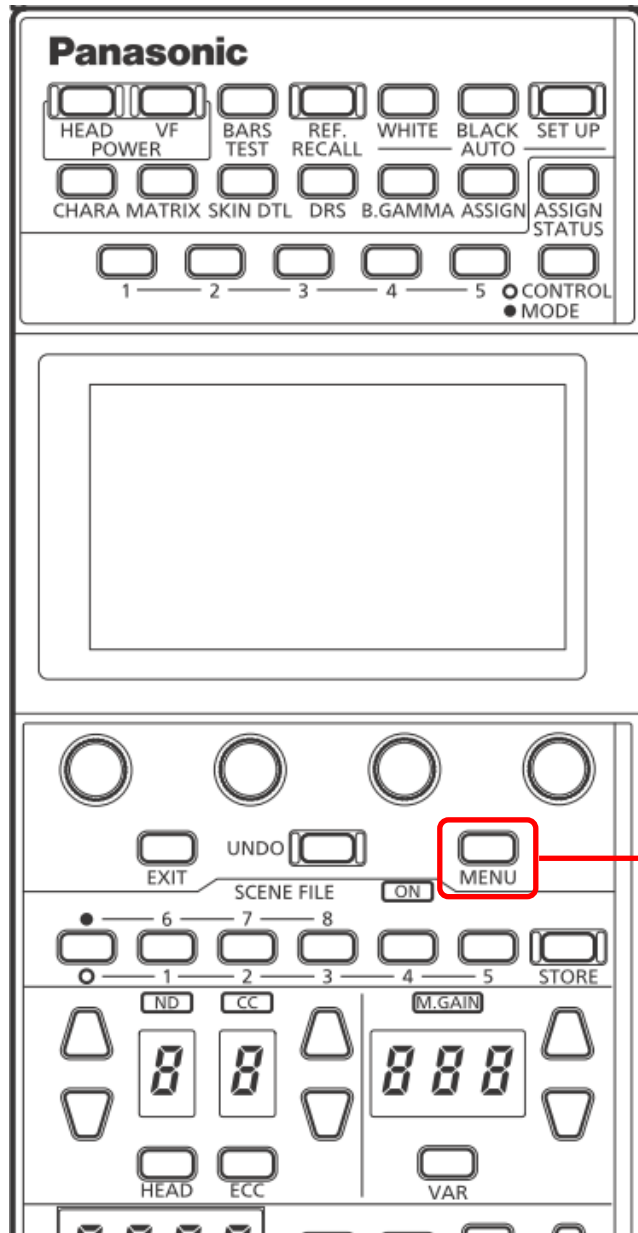
※ No need to change ROP port (49152).

## 5. “Network” > “Network setup”

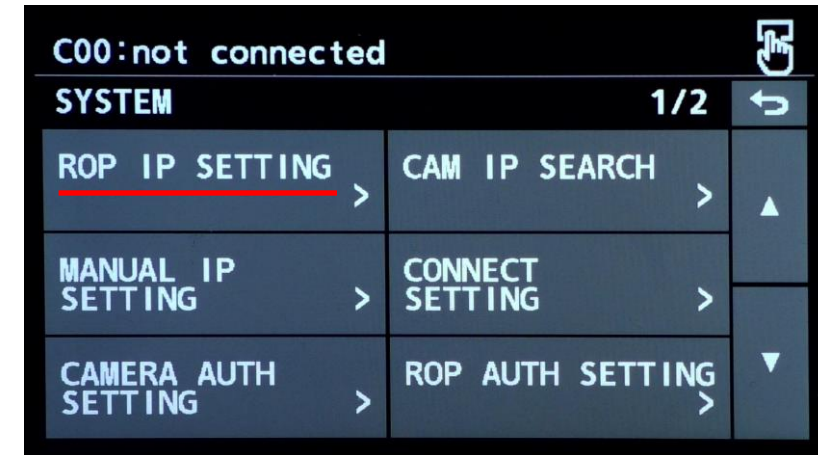
⇒ Set parameters.

⇒ “Set”

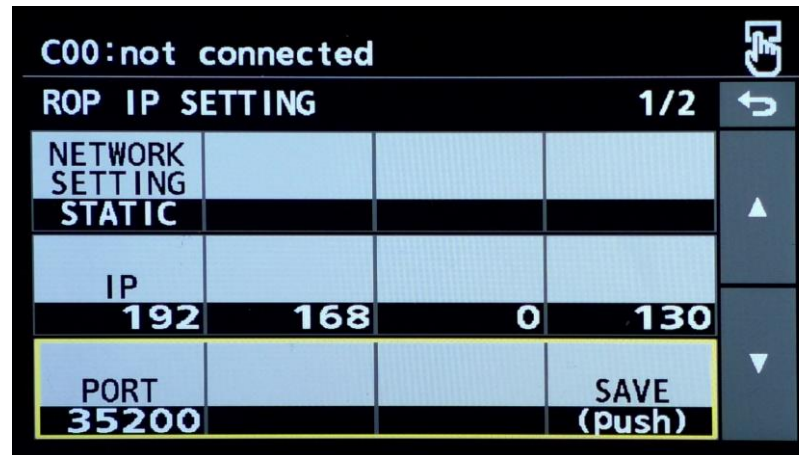
# 4-2a. HRP1010 setup – HRP IP Address



1. MENU > [4] SYSTEM



2. ROP IP SETTING



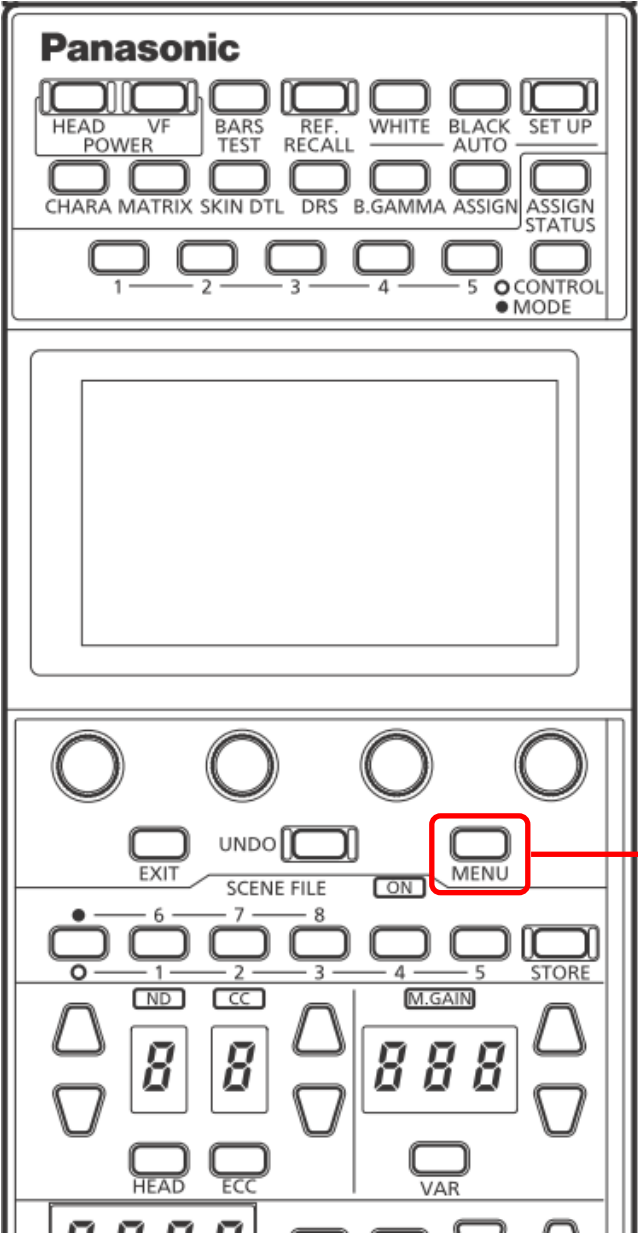
3. Set the IP address for the HRP1010.  
⇒ SAVE (Push) ⇒ OK ⇒ Reboot ROP.

e.g.

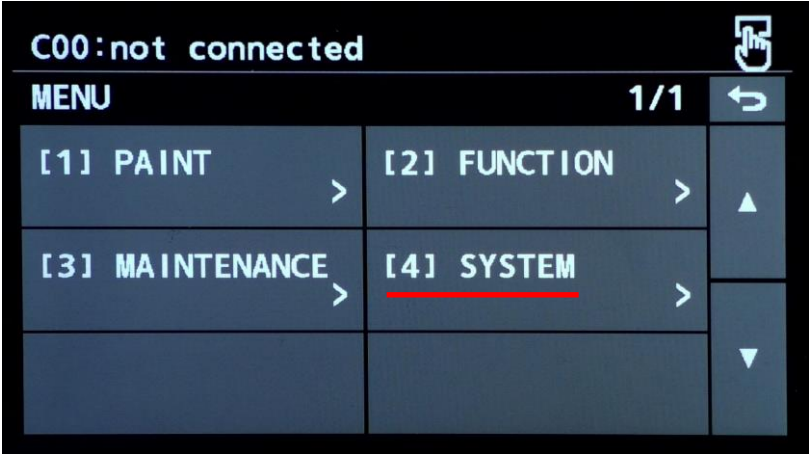
- NETWORK SETTING : STATIC
- IP : 192.168.0.130
- SUBNET : 255.255.255.0
- DEFAULT GATEWAY : 192.168.0.254

※ No need to change PORT (35200).

# 4-2b. HRP1010 setup - Camera IP Address, Port #, Connect mode



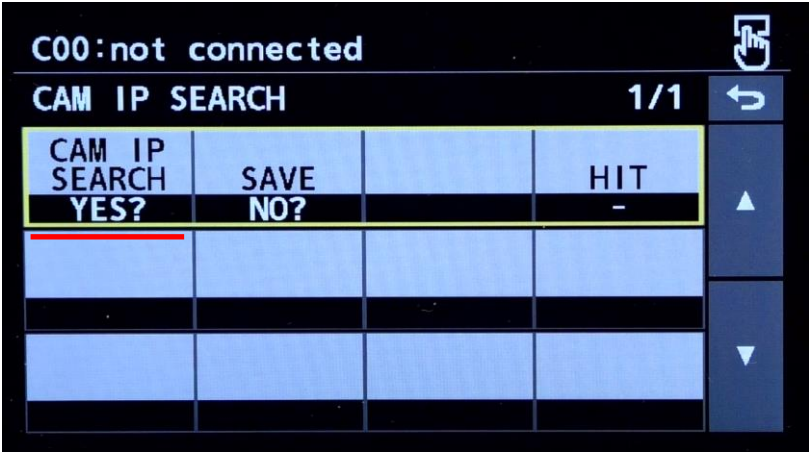
MENU



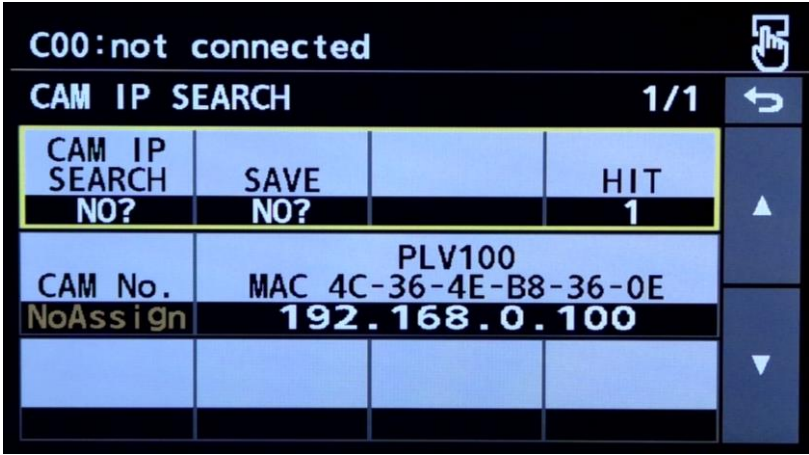
1. MENU > [4] SYSTEM



2. CAM IP SEARCH



3. Set "YES?" for CAM IP SEARCH.



4. The camera(s) in the same network as the HRP1010 shows up.



# 4-2b. HRP1010 setup - Camera IP Address, Port #, Connect mode

C00: not connected

CAM IP SEARCH 1/1			
CAM IP SEARCH	SAVE		HIT
NO?	YES?		1
PLV100			
CAM No.	MAC 4C-36-4E-B8-36-0E		
1	192.168.0.100		

5. Set CAM No. (e.g. 1) and “YES?” for SAVE.

C00: not connected

CAM IP SEARCH 1/1			
CAM IP SEARCH	SAVE		HIT
NO?	NO?		-
PLV100			
CAM No.	MAC 4C-36-4E-B8-36-0E		
1	192.168.0.100		

6. SAVE and HIT turn to “NO?” and “ - ”.

※ In this example, the PLV100 has been assigned as CAM #1 in the HRP1010.

C00: not connected

MENU 1/1	
[1] PAINT >	[2] FUNCTION >
[3] MAINTENANCE >	<u>[4] SYSTEM</u> >

7. MENU > [4] SYSTEM

C00: not connected

MANUAL IP SETTING 1/1			
CAM No. SELECT			
CAM1			
CAM IP			
192	168	0	100
PORT			
80			SAVE (push)

8. MANUAL IP SETTING:  
The assigned CAM IP and PORT can be confirmed.

C00: not connected

MANUAL IP SETTING 1/1			
CAM No. SELECT			
CAM1			
CAM IP			
192	168	0	100
PORT			
49152			SAVE (push)

If he assigned port # was not the appropriate one, please change it.  
⇒ SAVE (Push) ⇒ OK



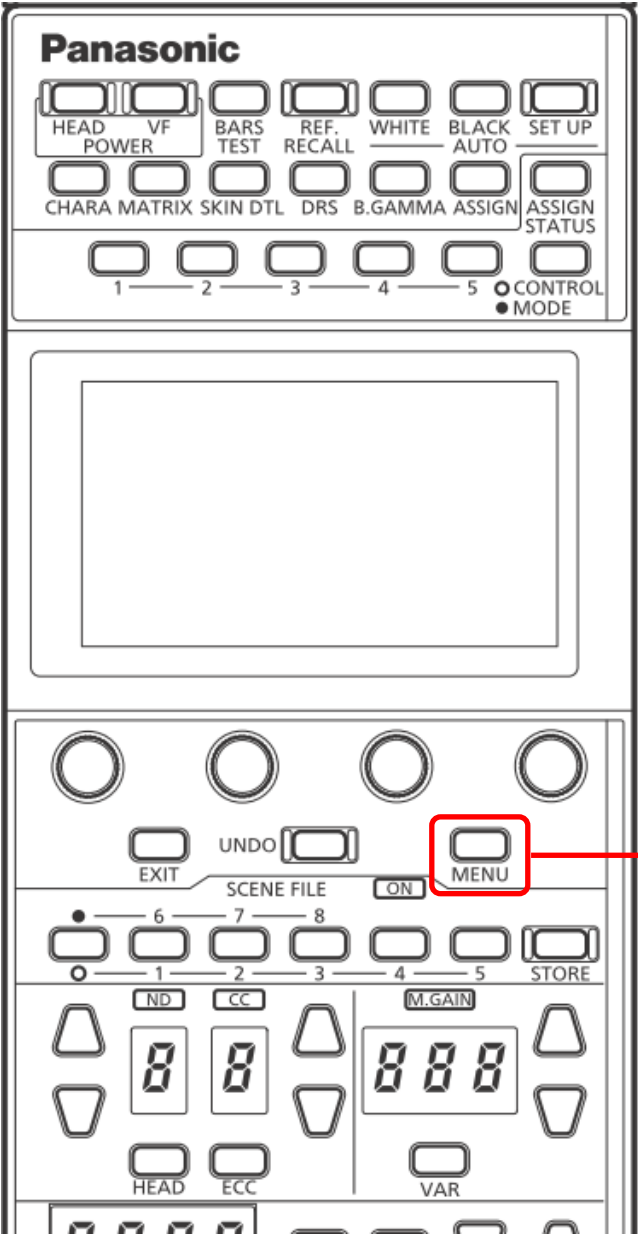
## 4-2b. HRP1010 setup - Camera IP Address, Port #, Connect mode

C00: not connected				
CONNECT SETTING				1/9
CAM No. SELECT	CONNECT MODE			
CAM1	LAN			
CAM1 LAN	CAM2 NON	CAM3 NON	CAM4 NON	
CAM5 NON	CAM6 NON	CAM7 NON	CAM8 NON	

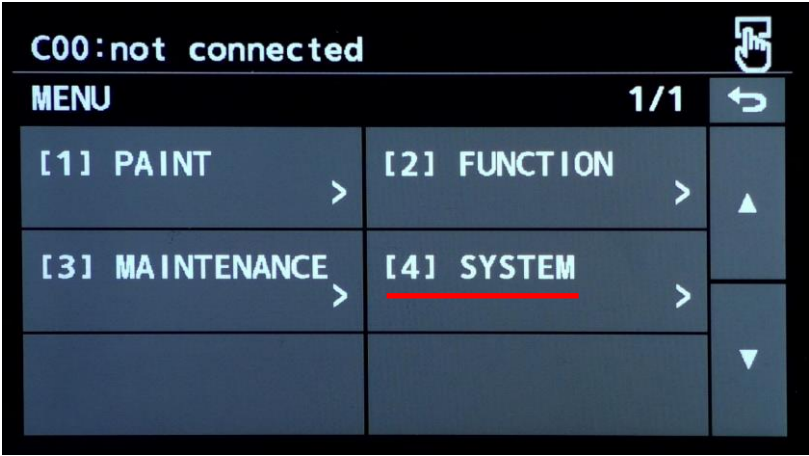
### 9. CONNECT SETTING:

The assigned CONNECT MODE can be confirmed.

# 4-2c. HRP1010 setup – Camera authentication



MENU



1. MENU > [4] SYSTEM

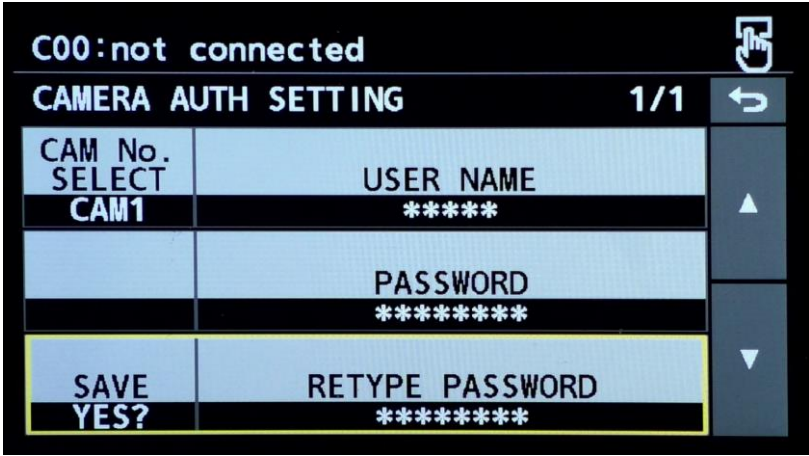


2. CAMERA AUTH SETTING



3. Set USER NAME & PASSWORD to be  
the same as ROP account setting.

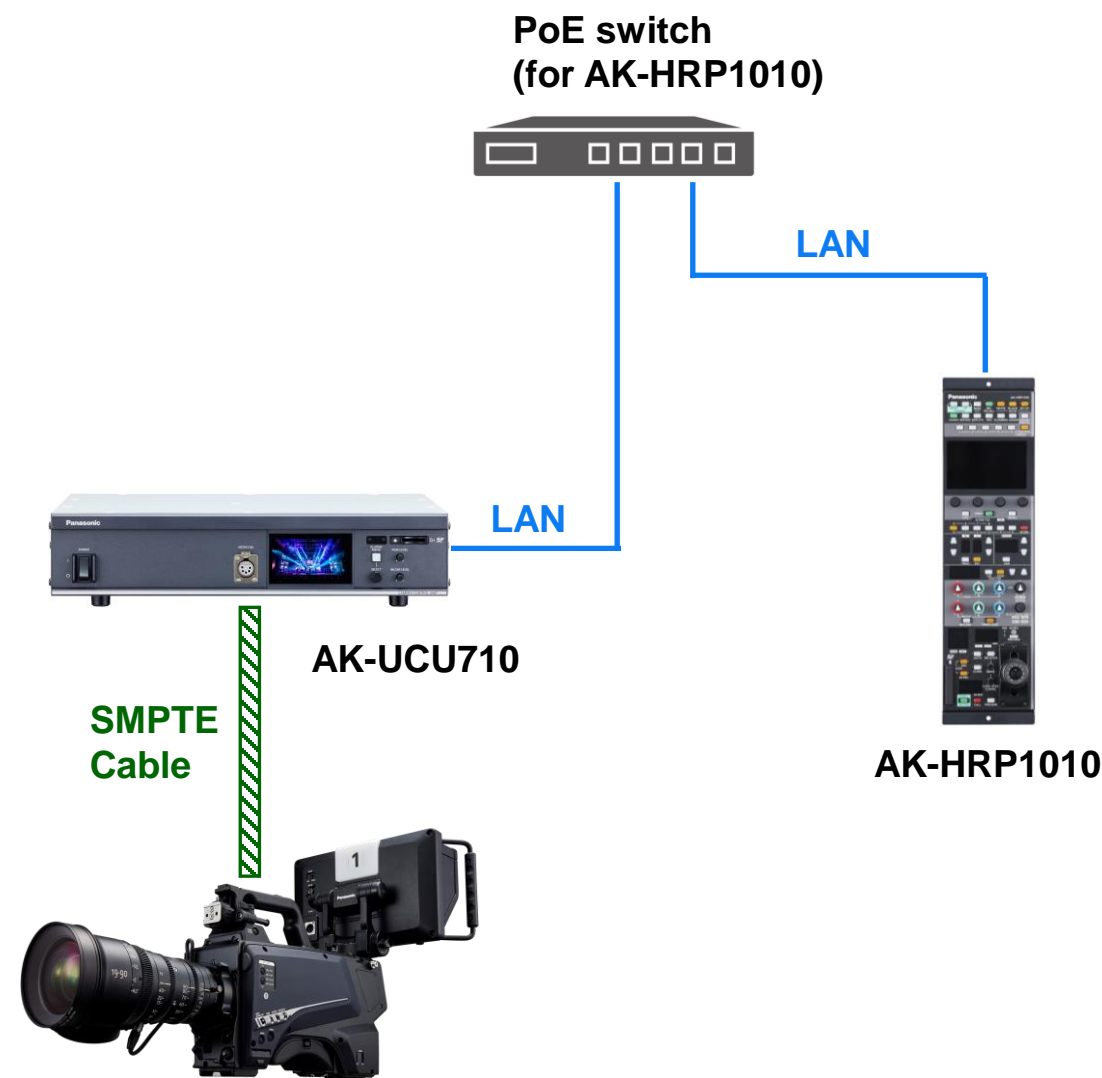
※ USER NAME & PASSWORD are case- sensitive.



4. Set “YES?” for SAVE. ⇒ Yes

⇒ The connection should be established!

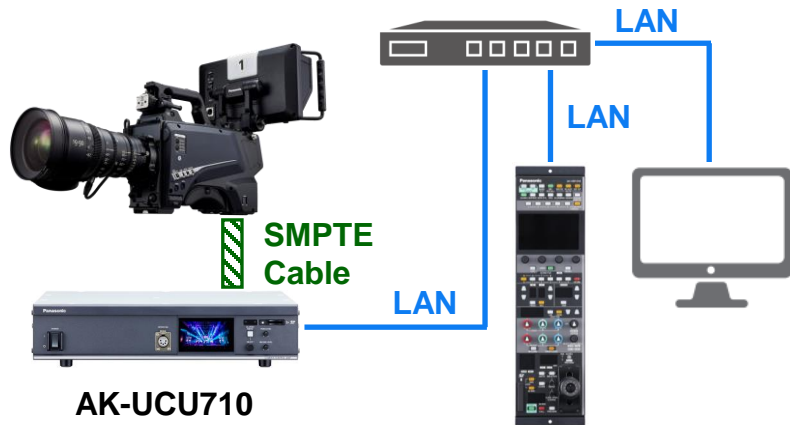
# 5. Setup with Studio Camera w/ CCU (AK-UCU710)



Studio Camera	CONNECT MODE	PORT
AK-UCU700, UCU710	LAN	49152
AK-UCU600	LAN	49152
AK-UCU500	LAN	49152
AK-HCU250	LAN	49152

- In order for the HRP1010 to connect the CCU (Camera Control Unit), CAM IP, PORT, and CONNECT MODE are always the required parameters. As for CAMERA AUTH SETTING, the requirement varies depending on the models. In the chart on the top, the **UCU700/UCU710**, and **HCU250** require CAMERA AUTH SETTING. Other models do not require it with the default settings.
- CAM IP SEARCH function in the HRP1010 does assign appropriate CAM IP, PORT, and CONNECT MODE except for the **HUC250**. For the **HUC250**, the function assigns **80** instead of **49152** for PORT. This needs to be corrected manually.

# 5-1. CCU setup – ROP account setting, CCU IP address



AK-UCU710

Administrator registration

Add user

User name: admin

Password: [masked]

Retype Password: [masked]

Set

Note

- User name can be set from 1 to 32 characters.
- Password can be set from 4 to 32 characters. (8 or more characters recommended)
- Distinguish between upper and lower cases.
- For the password, it is recommended to use three or more types of characters from the following.
  - upper case alphabetic
  - lower case alphabetic
  - numbers
  - symbols(!@#\$%^&\*~.-/?@!~.-)
- Set the password which does not include the user name.
- It is recommended to change the password periodically.

1. Locate the UCU710 and a PC in the same network as the HRP1010.

2. Open the CCU's Web-GUI (Default IP 192.168.0.20)  
⇒ Execute Administrator registration.

AK-UCU700

192.168.0.20/admin/index.html

AK-UCU700

SETUP MENU

- PRODUCT INFO.
- SYSTEM MODE
- NETWORK
- ROP ACCOUNT SETTING
- USER MNG.

ROP ACCOUNT SETTING

USER LIST

ADD USER

ADD USER

USER NAME: UCU700

PASSWORD: [masked]

RETYPE PASSWORD: [masked]

SET

3. “ROP ACCOUNT SETTING” > “ADD USER”  
⇒ Set “USER NAME” & “PASSWORD”.  
⇒ “SET”

e.g.

- USER NAME : UCU700
- PASSWORD : 12345678
- RETYPE PASSWORD : 12345678

AK-UCU700

192.168.0.20/admin/index.html

AK-UCU700

SETUP MENU

- PRODUCT INFO.
- SYSTEM MODE
- NETWORK
- ROP ACCOUNT SETTING
- USER MNG.

ROP ACCOUNT SETTING

USER LIST

ADD USER

USER LIST

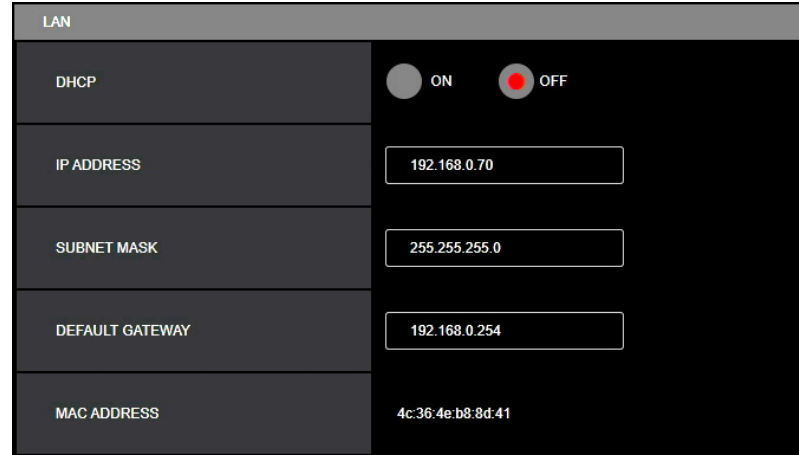
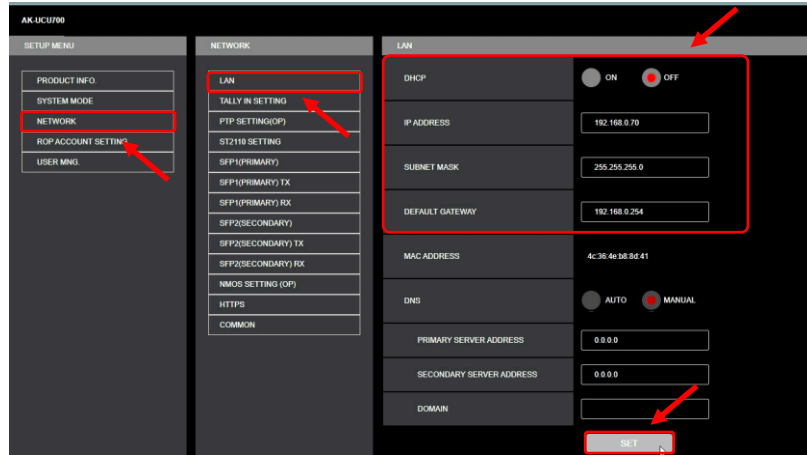
	USER NAME	PASSWORD
1.	UCU700	*****

DELETE

4. “USER LIST”  
⇒ Confirm USER NAME & PASSWORD  
have been assigned.



# 5-1. CCU setup – ROP account setting, CCU IP address



e.g.

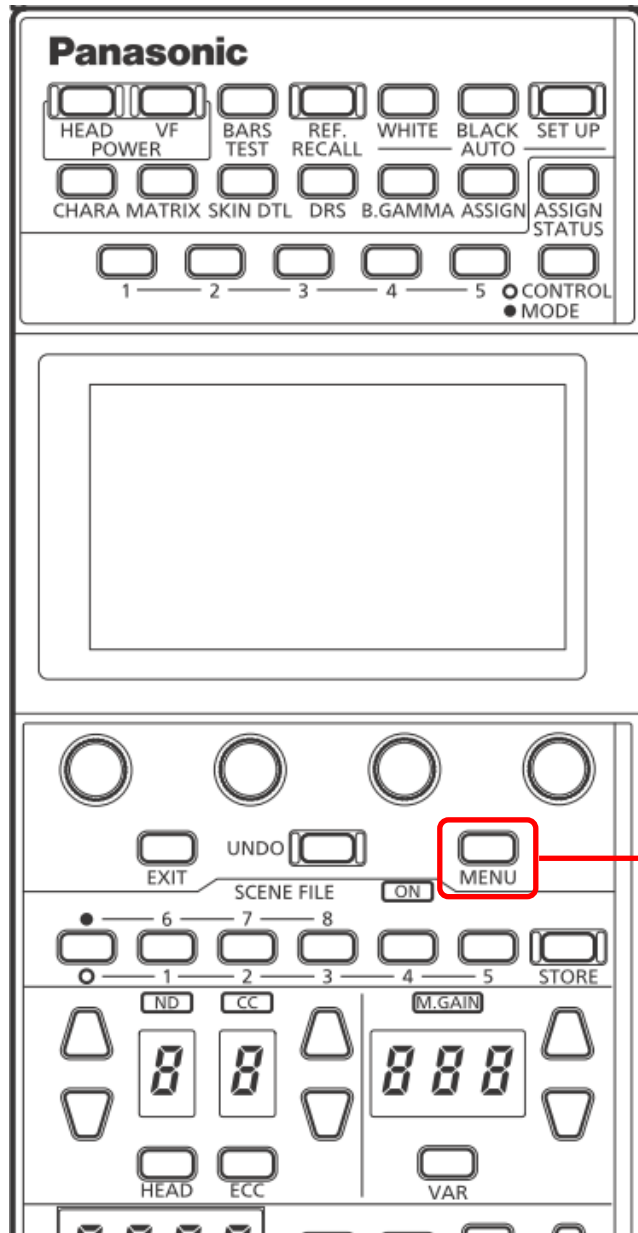
- **DHCP** : OFF
- **IP ADDRESS** : 192.168.0.70
- **SUBNET MASK** : 255.255.255.0
- **DEFAULT GATEWAY** : 192.168.0.254

## 5. “NETWORK” > “LAN”

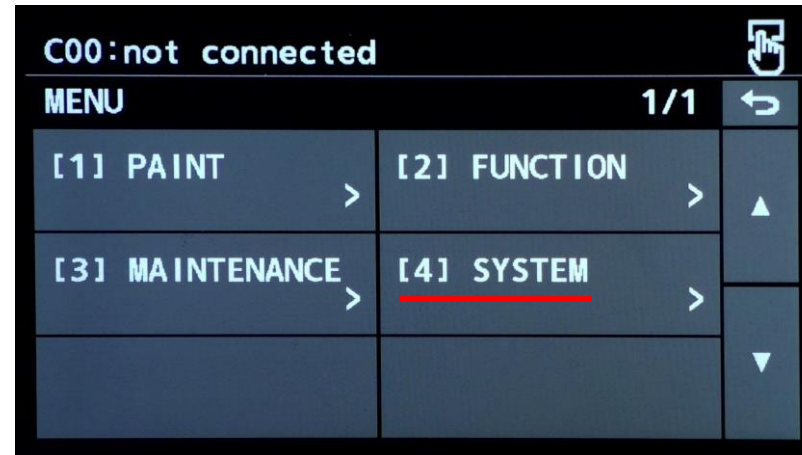
⇒ Set parameters.

⇒ “SET”

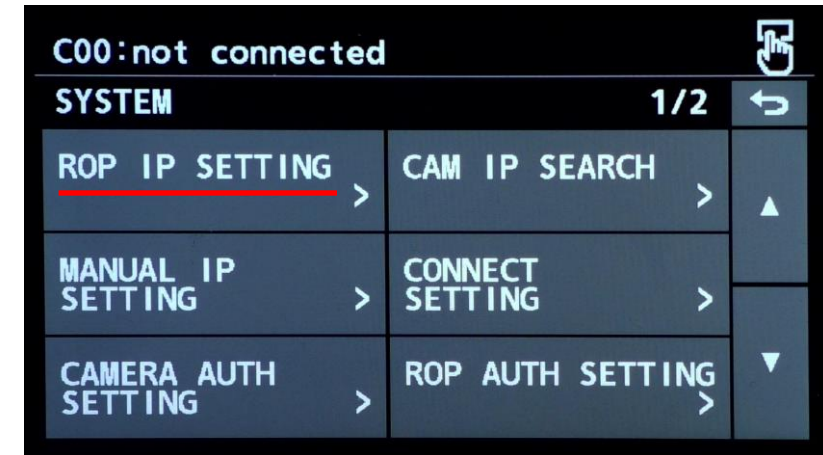
# 5-2a. HRP1010 setup – HRP IP Address



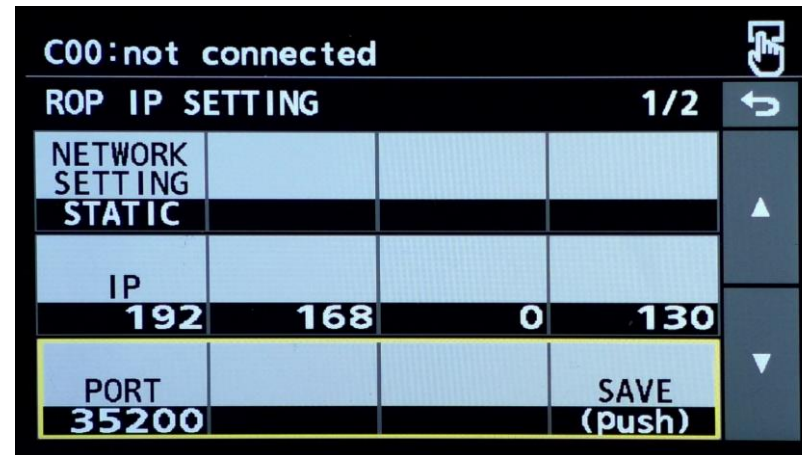
MENU



1. MENU > [4] SYSTEM



2. ROP IP SETTING



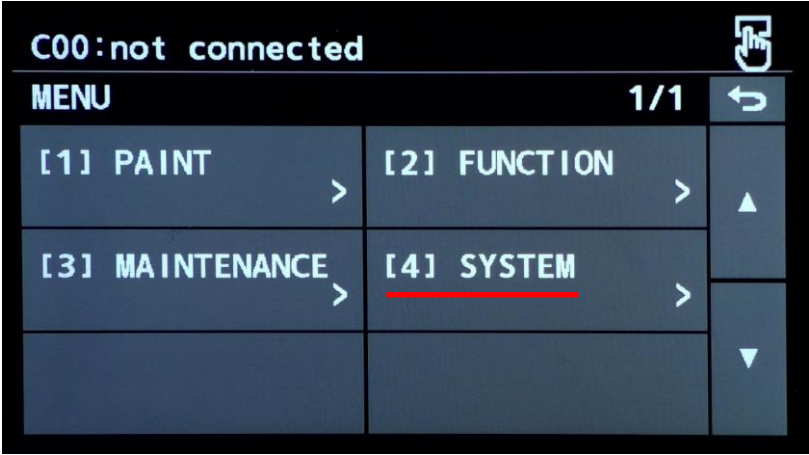
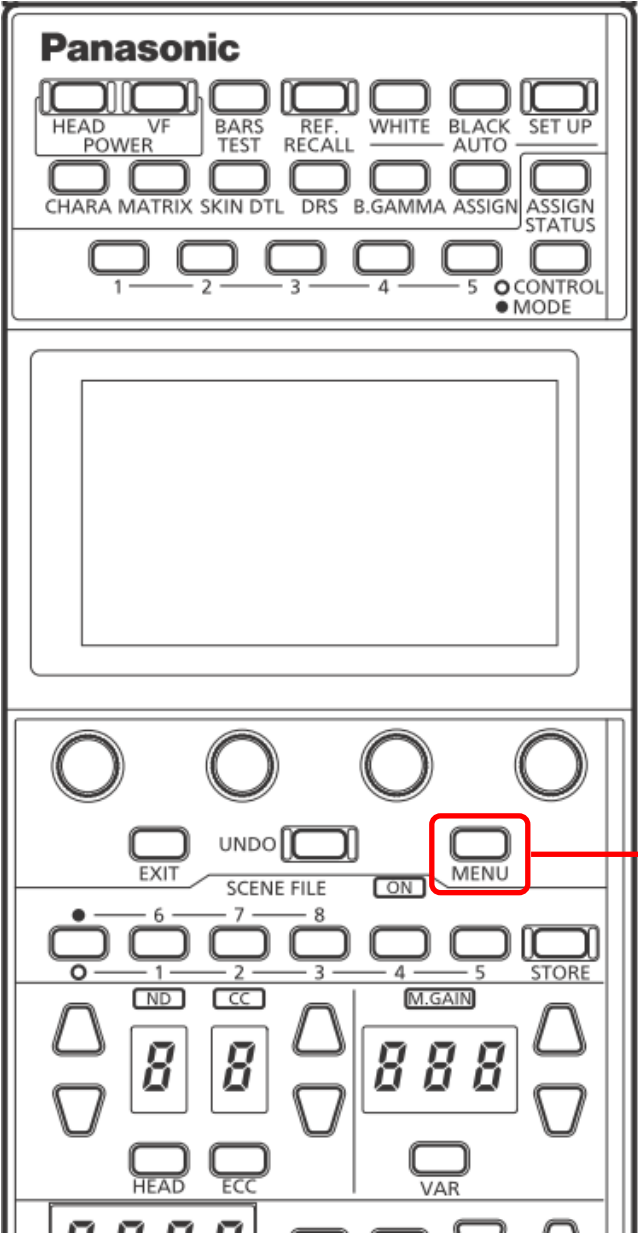
3. Set the IP address for the HRP1010.  
⇒ SAVE (Push) ⇒ OK ⇒ Reboot ROP.

e.g.

- NETWORK SETTING : STATIC
- IP : 192.168.0.130
- SUBNET : 255.255.255.0
- DEFAULT GATEWAY : 192.168.0.254

※ No need to change PORT (35200).

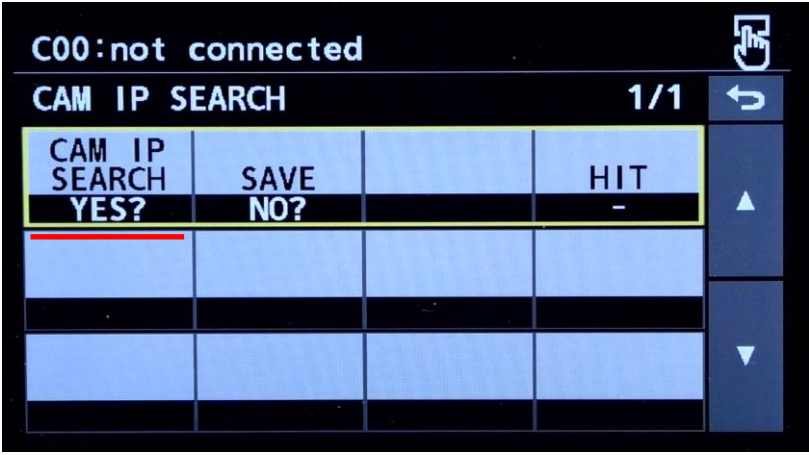
# 5-2b. HRP1010 setup - CCU IP Address, Port #, Connect mode



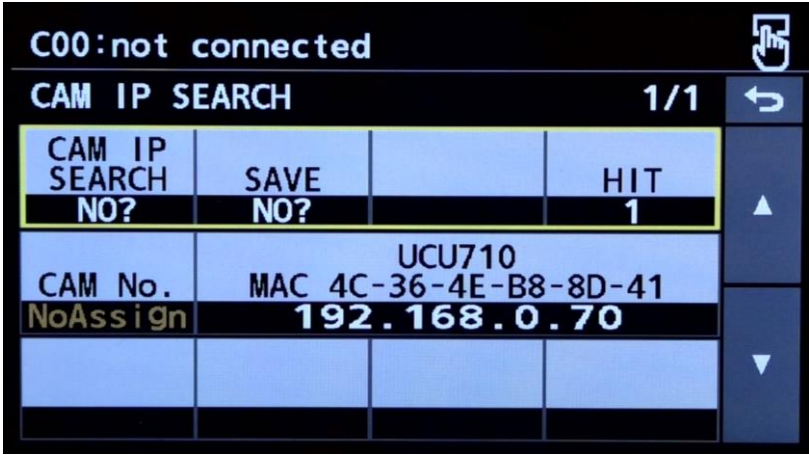
1. MENU > [4] SYSTEM



2. CAM IP SEARCH



3. Set "YES?" for CAM IP SEARCH.



4. The CCU(s) in the same network as the HRP1010 shows up.



# 5-2b. HRP1010 setup - CCU IP Address, Port #, Connect mode

C00: not connected

CAM IP SEARCH 1/1

CAM IP SEARCH	SAVE		HIT
NO?	YES?		1
CAM No.	UCU710		
1	MAC 4C-36-4E-B8-8D-41		
	192.168.0.70		

5. Set CAM No. (e.g. 1) and “YES?” for SAVE.

C00: not connected

CAM IP SEARCH 1/1

CAM IP SEARCH	SAVE		HIT
NO?	NO?		-
CAM No.	UCU710		
1	MAC 4C-36-4E-B8-8D-41		
	192.168.0.70		

6. SAVE and HIT turn to “NO?” and “-”.

※ In this example, the UCU710 has been assigned as CAM #1 in the HRP1010.

C00: not connected

MENU 1/1

[1] PAINT >	[2] FUNCTION >
[3] MAINTENANCE >	<u>[4] SYSTEM &gt;</u>

7. MENU > [4] SYSTEM

C00: not connected

MANUAL IP SETTING 1/1

CAM No. SELECT			
CAM1			
CAM IP	192	168	0 70
PORT	49152		SAVE (push)

8. MANUAL IP SETTING:  
The assigned CAM IP and PORT can be confirmed.

C00: not connected

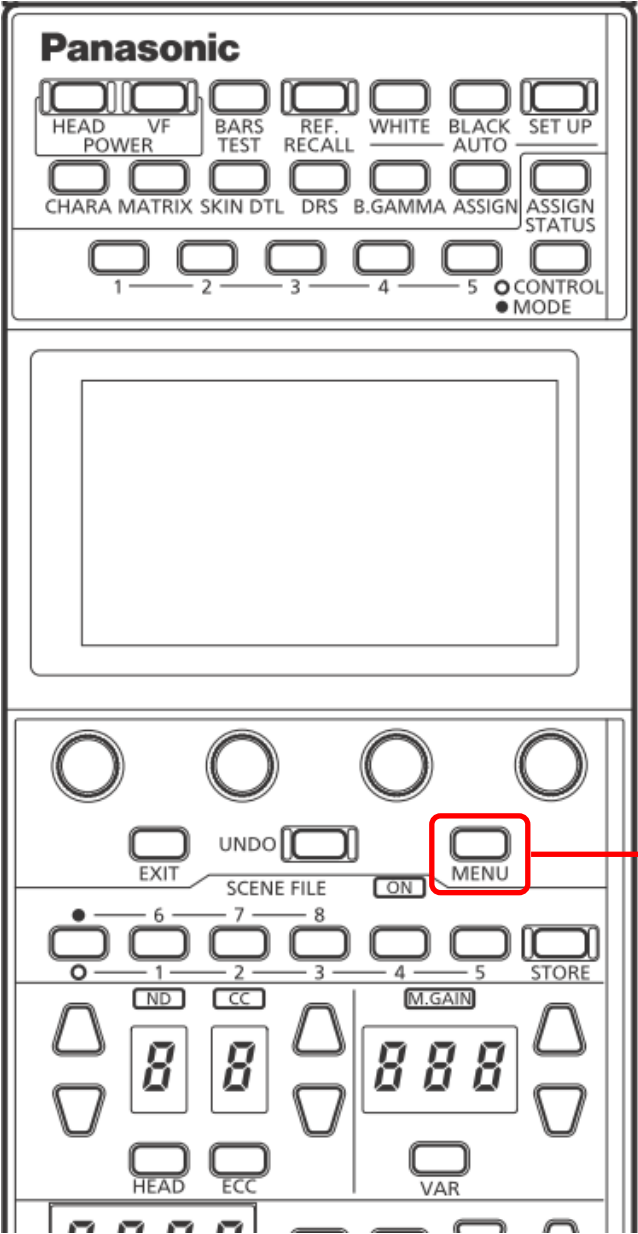
CONNECT SETTING 1/9

CAM No. SELECT	CONNECT MODE		
CAM1	LAN		
CAM1 LAN	CAM2 NON	CAM3 NON	CAM4 NON
CAM5 NON	CAM6 NON	CAM7 NON	CAM8 NON

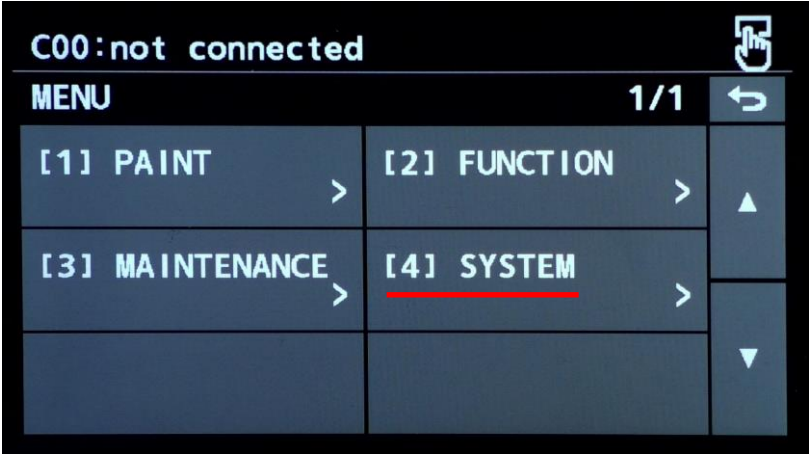
9. CONNECT SETTING:  
The assigned CONNECT MODE can be confirmed.



# 5-2c. HRP1010 setup – CCU authentication



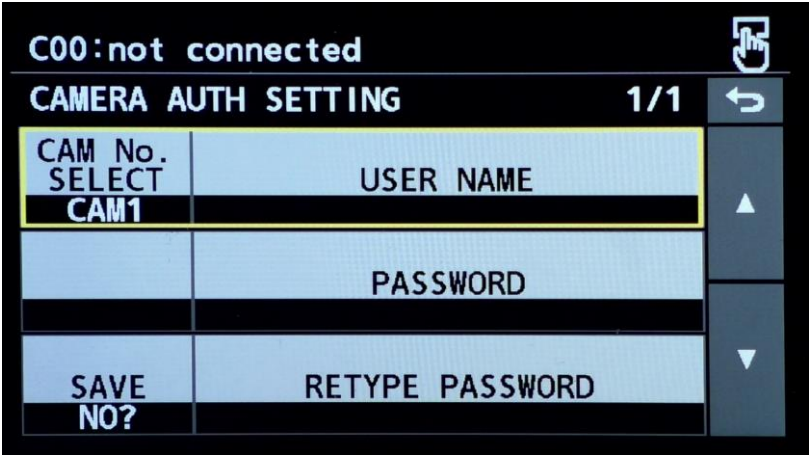
MENU



1. MENU > [4] SYSTEM



2. CAMERA AUTH SETTING



3. Set USER NAME & PASSWORD to be  
the same as ROP ACCOUNT SETTING.

※ USER NAME & PASSWORD are case- sensitive.

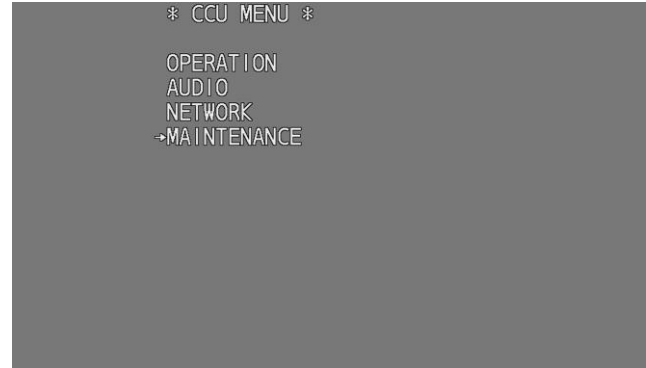
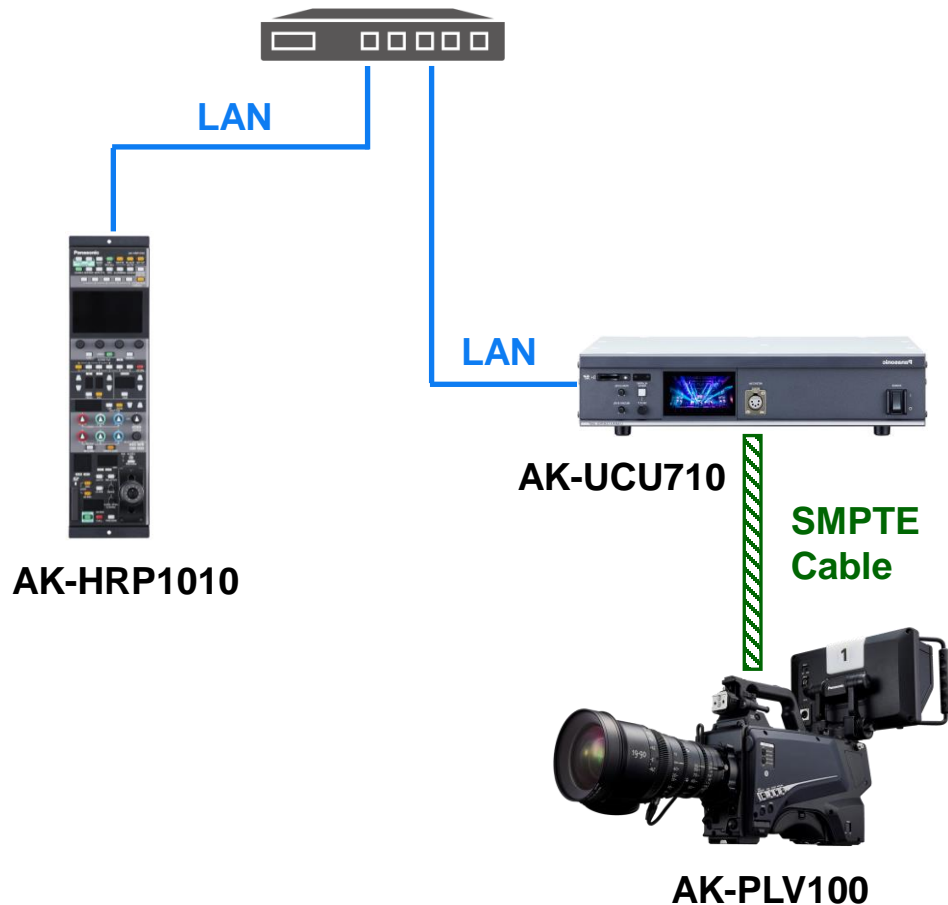


4. Set "YES?" for SAVE. ⇒ Yes

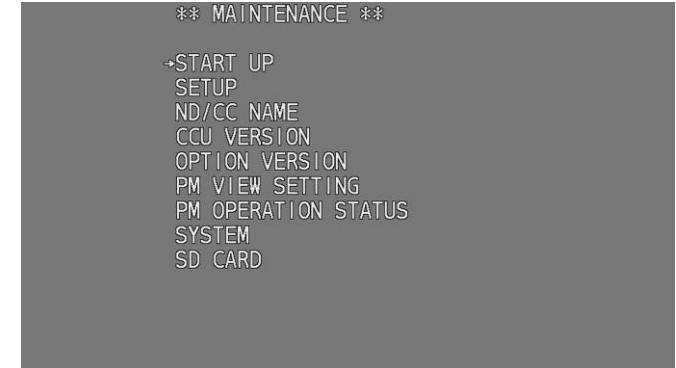
⇒ The connection should be established!

## 5-3. CONNECT MODE setting in the CCU

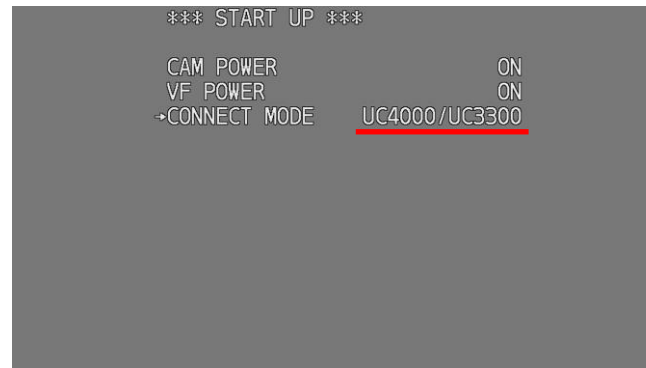
- Some CCUs support multiple studio cameras. For example, the AK-UCU710 supports the AK-PLV100, AK-UCX100, AK-UC4000, and AK-UC3300. For these CCUs, please make sure to select the correct studio camera for CONNECT MODE. If the selected camera is not the one that is actually connected to the CCU, the HRP1010 will not be able to establish the connection to the CCU.



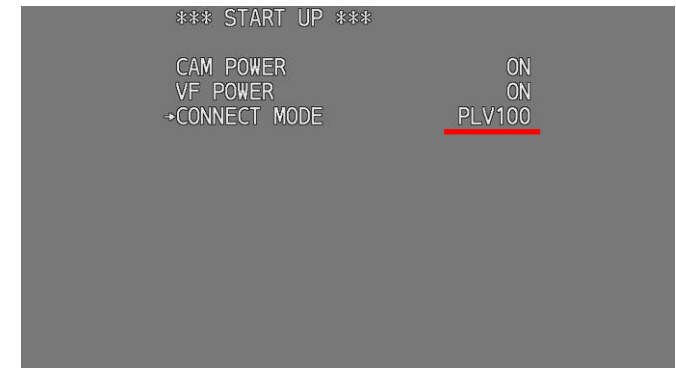
### 1. CCU MENU > MAINTENANCE



### 2. START UP



### 3. CONNECT MODE

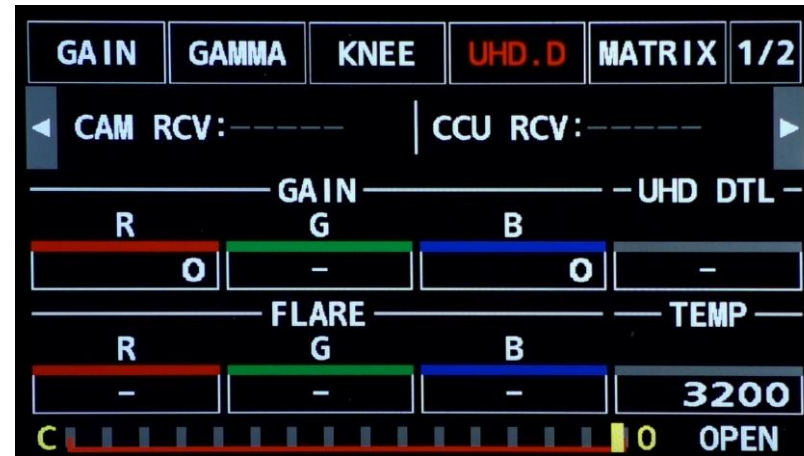
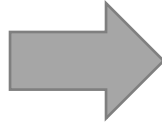


### 4. Select the correct model.

⇒ YES ⇒ CCU reboots.

※ In this example, the correct model is the PLV100 as you can see in the diagram left.

## 6. Connection has been established!!



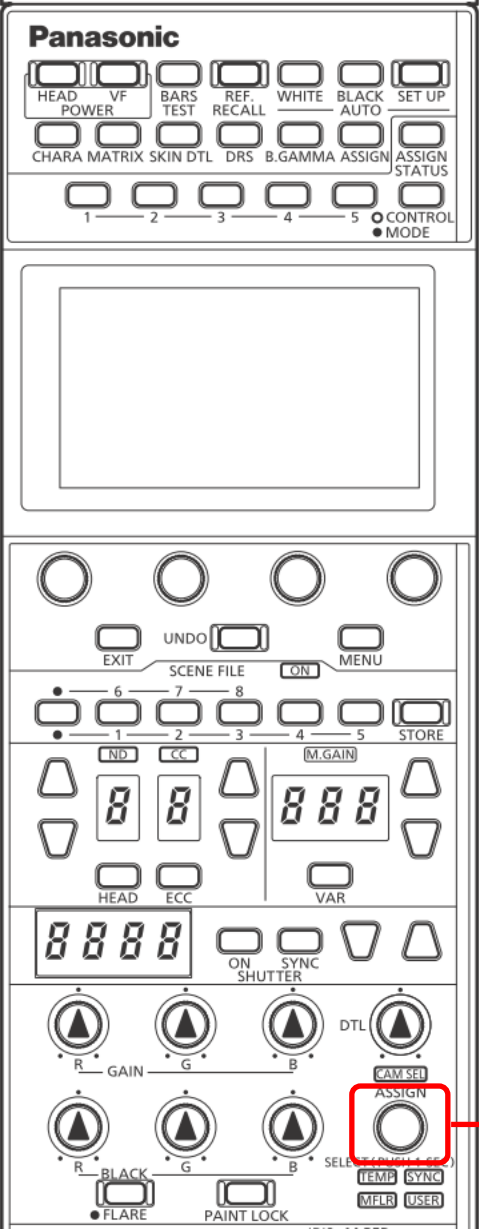
The Information window disappears when the connection between the HRP1010 and camera (or CCU) has been established.

If the connection has still not been established, the configured camera # and the selected camera # might be mismatched.

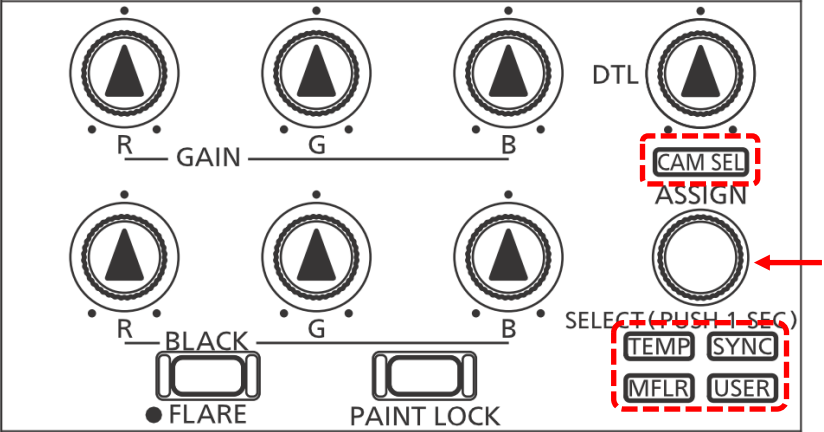
(e.g. You had configured the settings for the camera #2 in the HRP1010, but the HRP1010 is trying to connect to the camera #1.)

⇒ [See the following pages.](#)

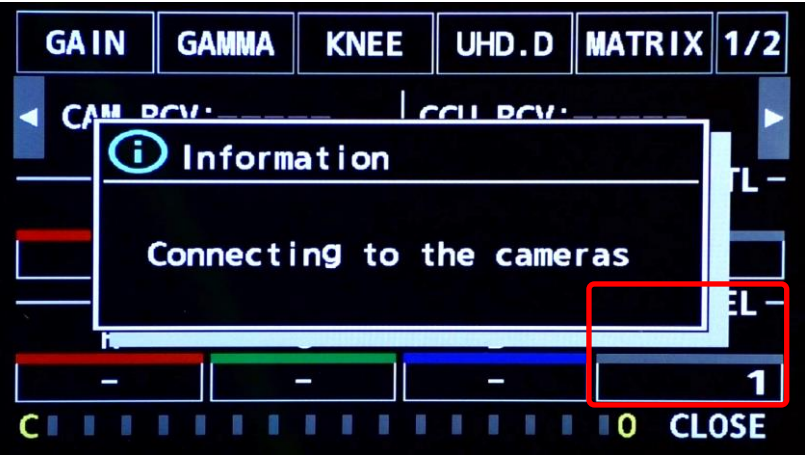
# 6. Connection has been established!!



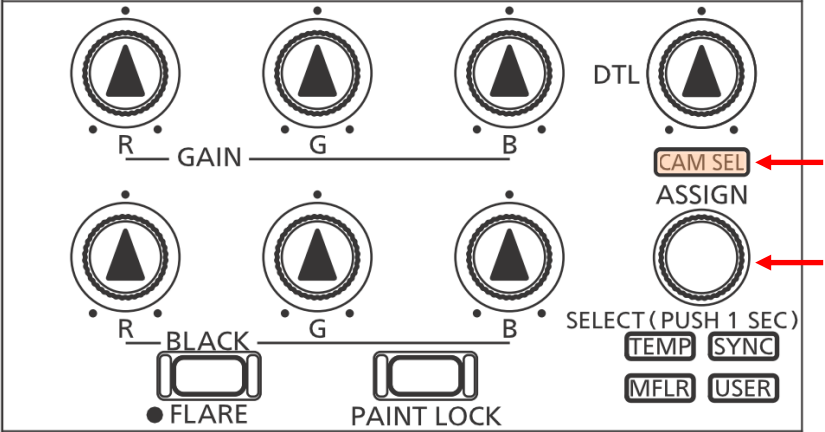
SELECT



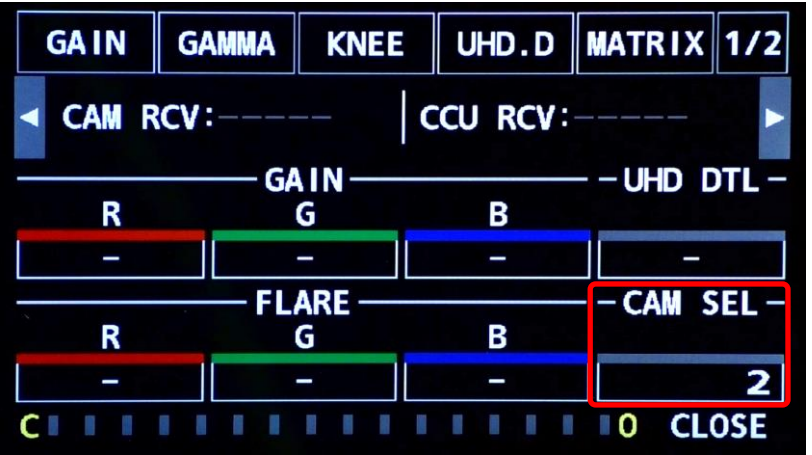
1. Push the SELECT knob until one of the indicators (TEMP or CAM SEL or SYNC or USER or MFLR) starts blinking.



3. The selected camera # shows up on the LCD panel. (In this example, it is camera #1)



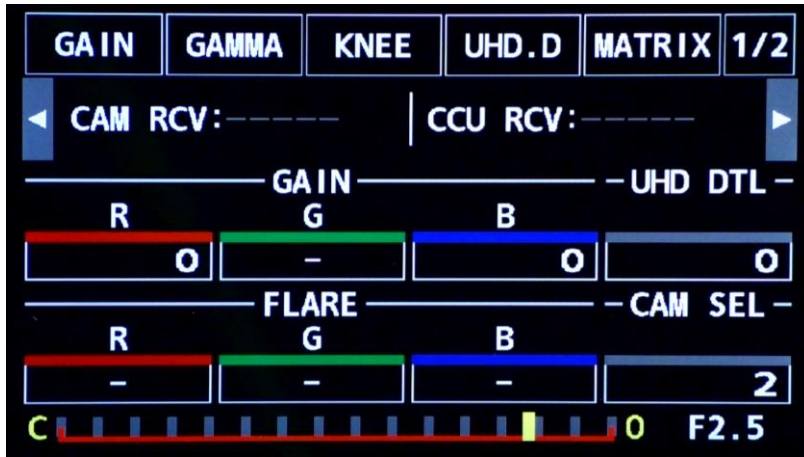
2. Rotate the SELECT knob to move the indicator to CAM SEL, then push the knob to select it.



4. Rotate the SELECT knob to select the configured camera #, then push the knob to select it. (In this example, it is camera #2)



## 6. Connection has been established!!



5. Now, the connection between the HRP1010 and camera (or CCU) should be established.

## 7. List of CONNECT MODE & PORT

Camcorder	CONNECT MODE	PORT
AG-CX370, AG-CX350	LAN (AG)	49154
AG-CX4000	LAN (AJ2)	49154
VariCam LT	LAN (AU)	49152
AU-EVA1	LAN (AU2)	49152

PTZ Camera	CONNECT MODE	PORT
AW-UE160	LAN (AW7)	80
AW-UE150A, UE150, HE145	LAN (AW4)	80
AW-UE100	LAN (AW5)	80
AW-UE80, UE50, UE40, UE30	LAN (AW6)	80
AW-UE4	LAN (AW8)	80
AW-UR100	LAN (AW9)	80
AW-HE130, HN130	LAN (AW2)	80
AW-UE70, UN70, AW-HE42, HE40, HN40, AW-HE38, HN38	LAN (AW3)	80
AW-HR140	LAN (AW2)	80

UB Box Camera	CONNECT MODE	PORT
AW-UB50, AW-UB10	LAN (BOX)	80

Studio Camera	CONNECT MODE	PORT
<a href="#">AK-UCX100</a>	LAN (UCX)	49152
AK-UC4000	LAN	49152
AK-UC3300	LAN	49152
<a href="#">AK-PLV100</a>	LAN	<a href="#">49152</a>
<a href="#">AK-HC3900</a>	LAN	<a href="#">49152</a>
AK-HC5000	LAN	49152
AK-UC3000	LAN	49152
<a href="#">AK-UCU700, UCU710</a>	LAN	49152
AK-UCU600	LAN	49152
AK-UCU500	LAN	49152
<a href="#">AK-HCU250</a>	LAN	<a href="#">49152</a>
AK-UB300	LAN (AW)	80