

AG-CX350 / AW-RP150 Connection Setup Guide

Wired



Wireless



October 2020

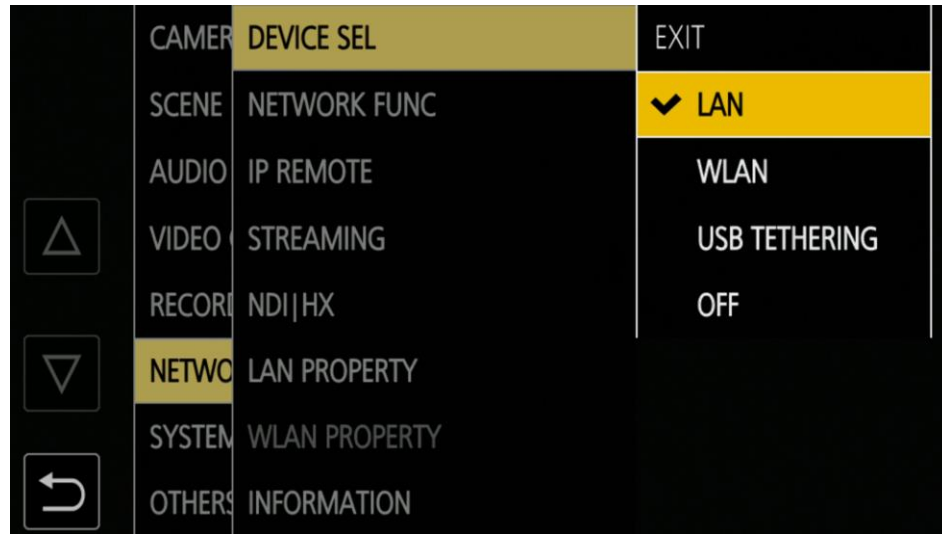
Contents

1. Wired Connection
2. Wireless Connection
3. Supported Functions

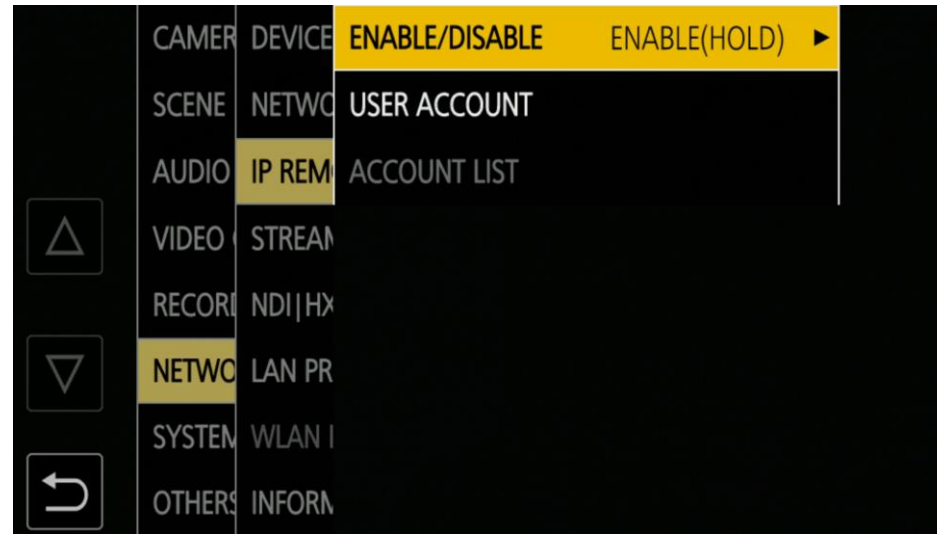
1. Wired Connection



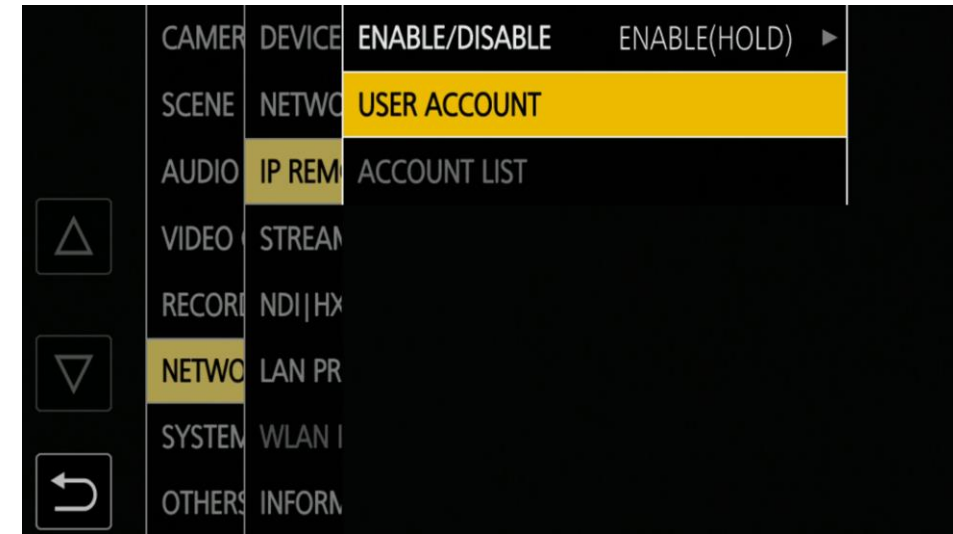
1-1. CX350 Connection Setting - Wired



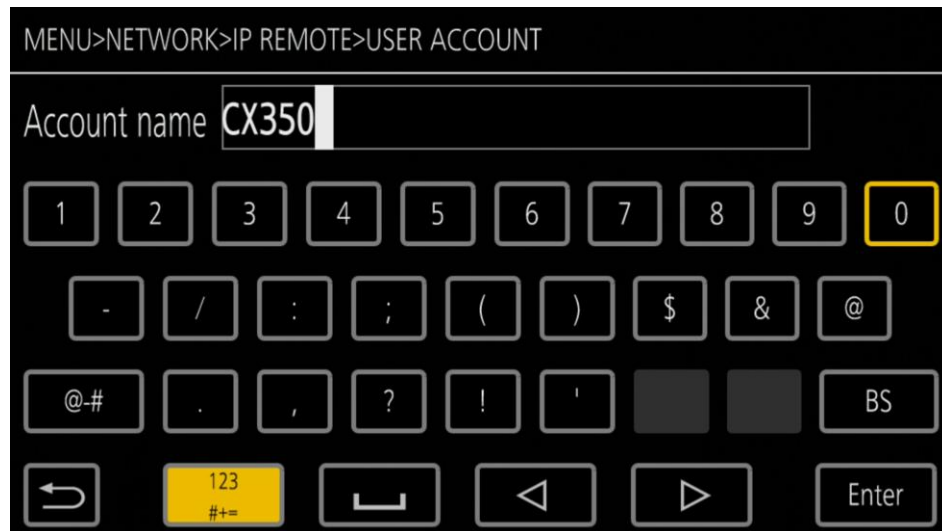
1. MENU > NETWORK > DEVICE SEL > LAN



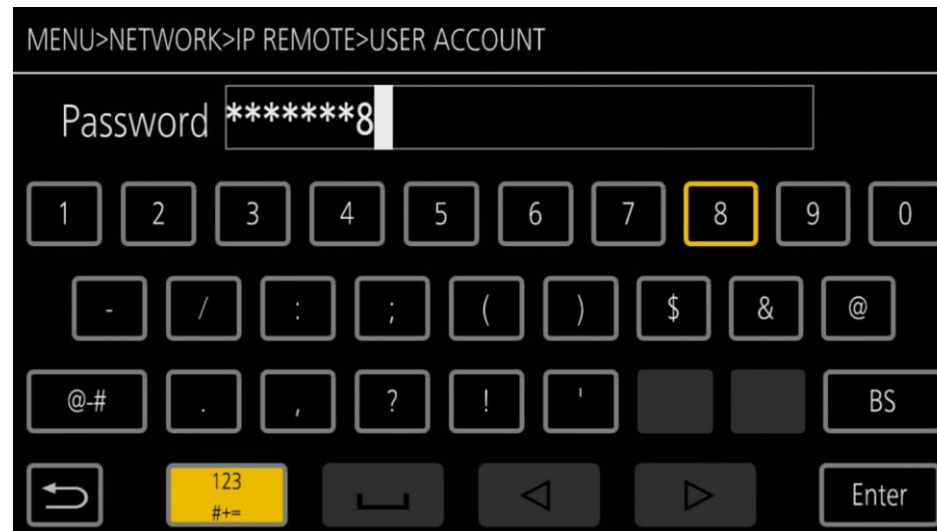
2. IP REMOTE > ENABLE/DISABLE > ENABLE(HOLD)



3. USER ACCOUNT



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



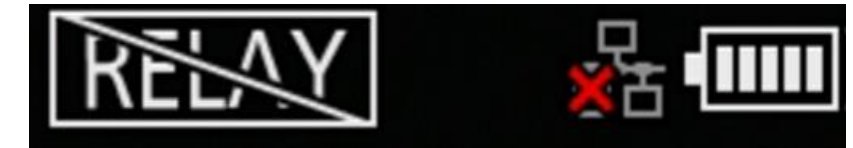
5. Set Password, e.g., 12345678

1-1. CX350 Connection Setting - Wired

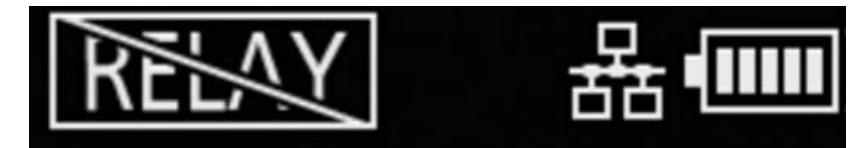
CAMERA	DEVICE	MAC A	DHCP	OFF
SCENE	NETWO	IPv4 SE	IP ADDRESS	192.168. 1. 35
AUDIO	IP REM	IPv6 SE	SUBNET MASK	255.255.255. 0
VIDEO	STREAM		DEFAULT GATEWAY	192.168. 1. 1
RECORD	NDI HX		PRIMARY DNS	0. 0. 0. 0
	NETWO	LAN PR	SECONDARY DNS	0. 0. 0. 0
SYSTEM	WLAN I			
OTHERS	INFORM			

e.g.,

- **DHCP** : **OFF**
- **IP ADDRESS** : **192.168.1.35**
- **SUBNET MASK** : **255.255.255.0**
- **DEFAULT GATEWAY** : **192.168.1.1**



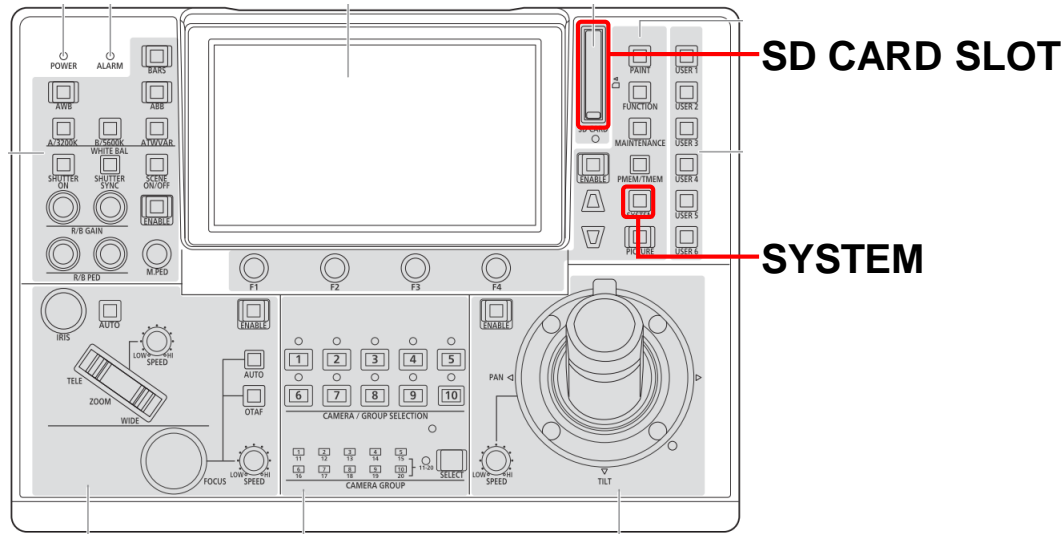
Wired LAN mark shows it is operating



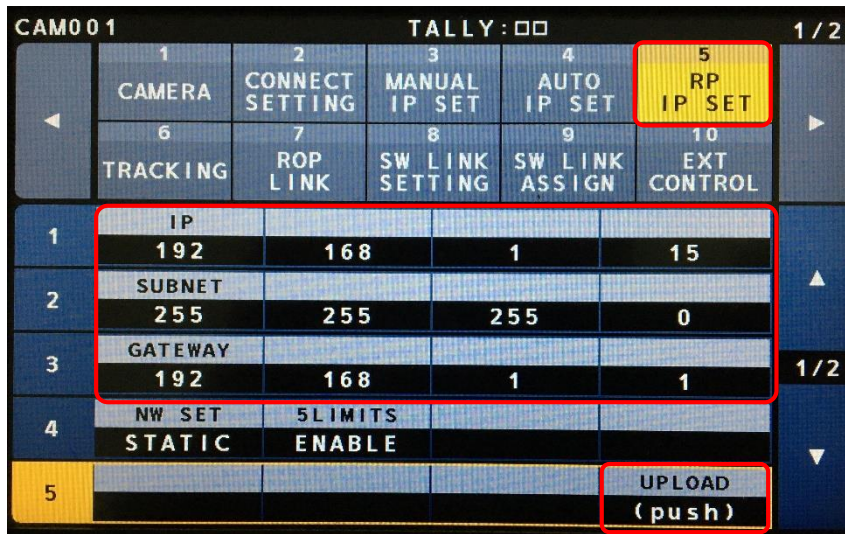
6. LAN PROPERTY > IPv4 SETTING >

Set parameters ⇒ Close MENU

1-2. RP150 Connection Setting #1



1. Insert SD card to SD CARD SLOT

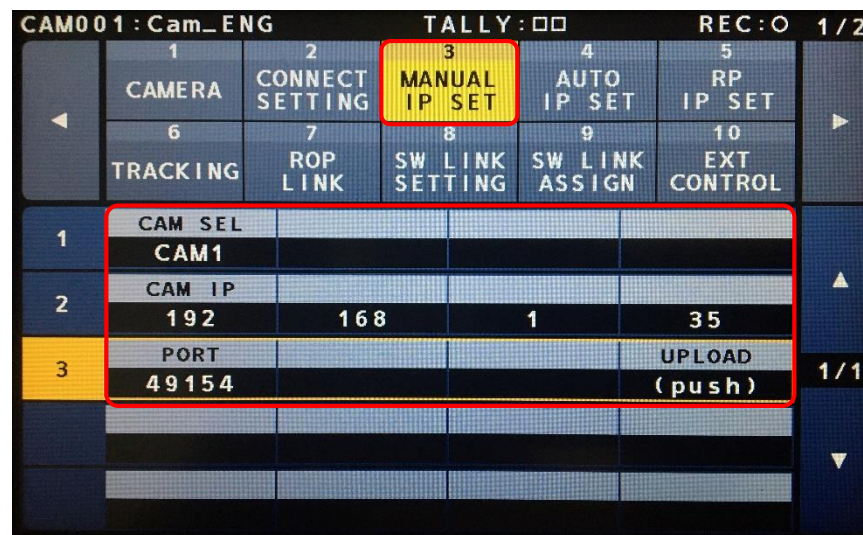


2. SYSTEM button > 5 RP IP SET > Set parameters, then hit UP LOAD
⇒ OK ⇒ Reboot RP150

RP150 IP address setting:

e.g.,

- IP ADDRESS : 192.168.1.15
- SUBNET MASK : 255.255.255.0
- DEFAULT GATEWAY : 192.168.1.1

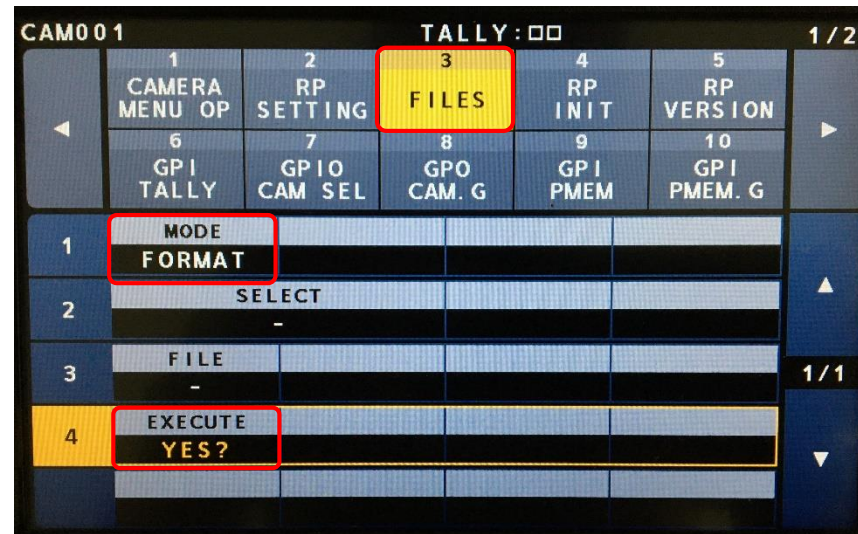
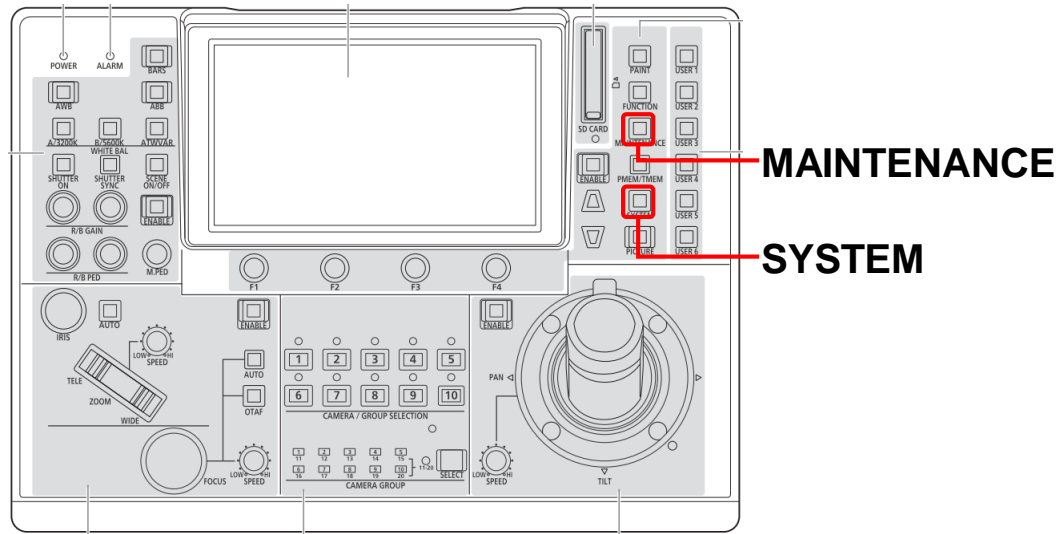


3. SYSTEM button > 3 MANUAL IP SET > Set parameters, then hit UP LOAD
⇒ OK

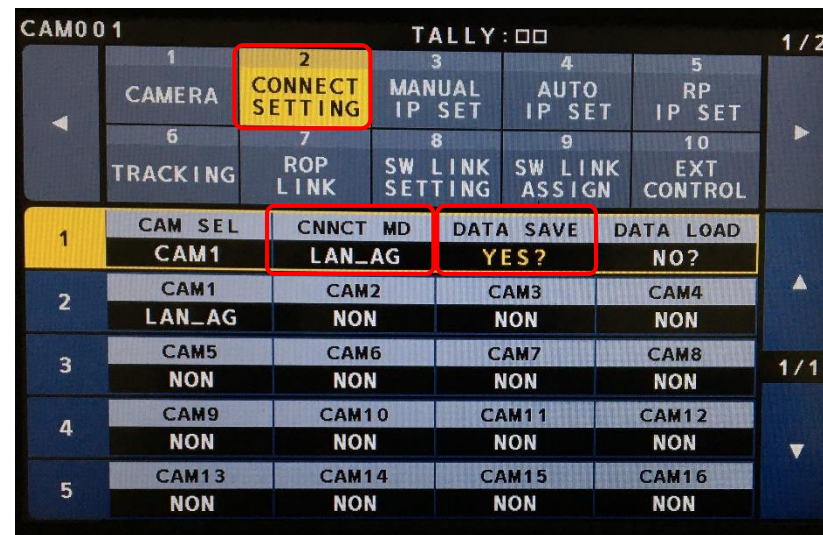
CX350 IP address on RP150 setting:

- CAM SEL : e.g., CAM1
- IP ADDRESS : 192.168.1.35
(* See Page 5 Step #6)
- PORT : 49154

1-2. RP150 Connection Setting #1

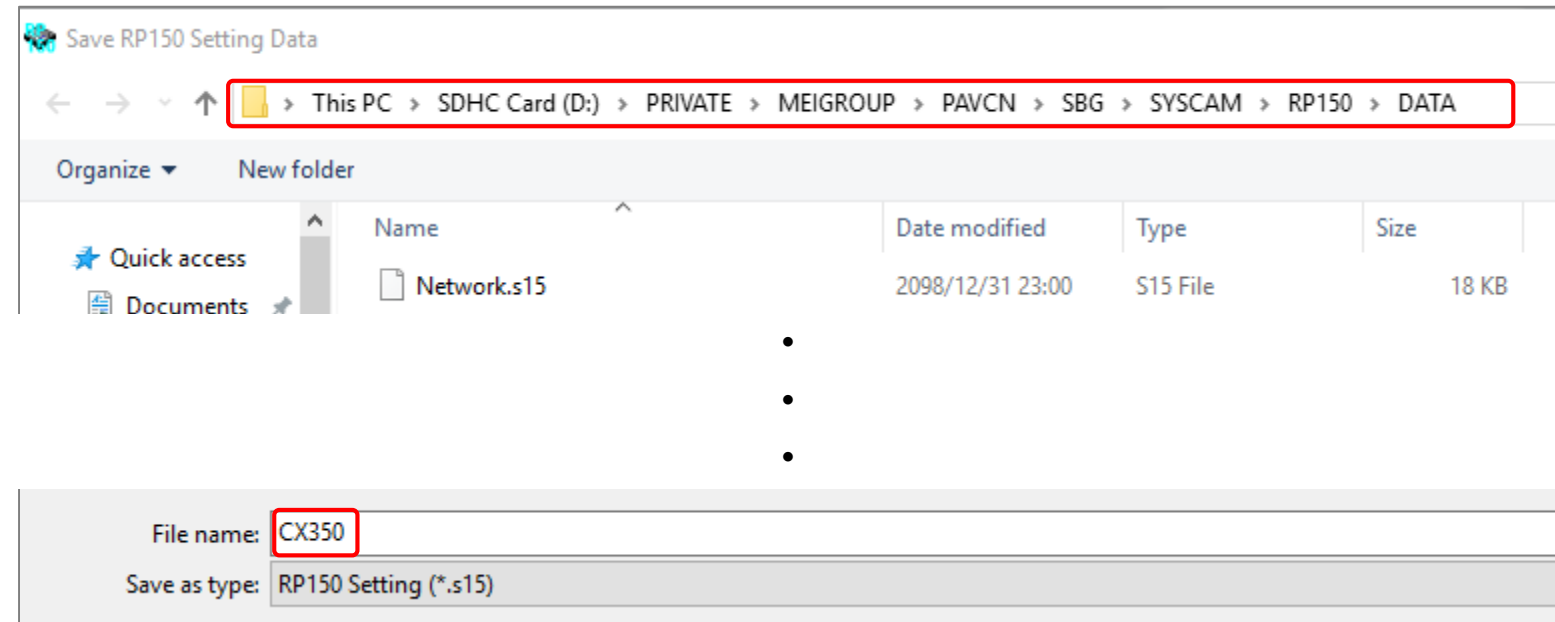
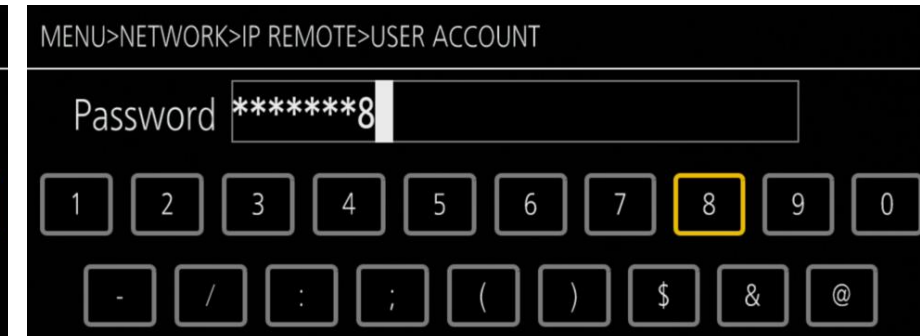
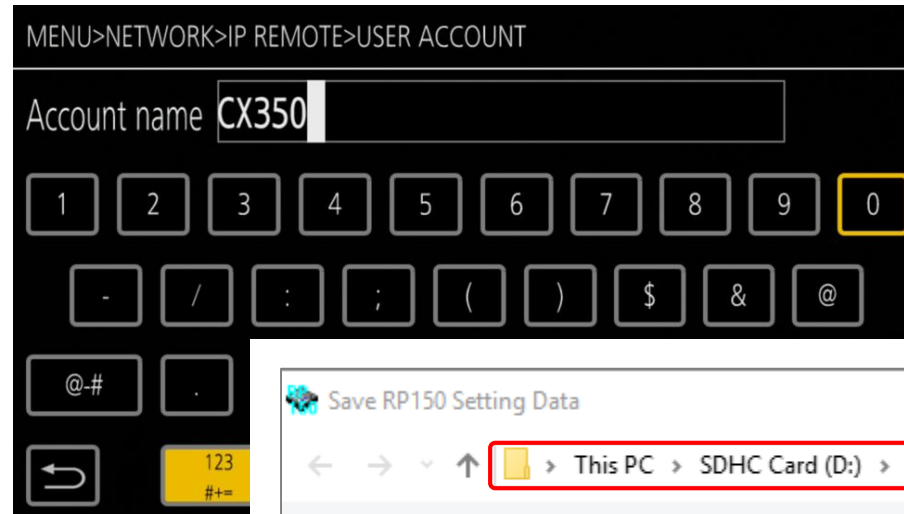
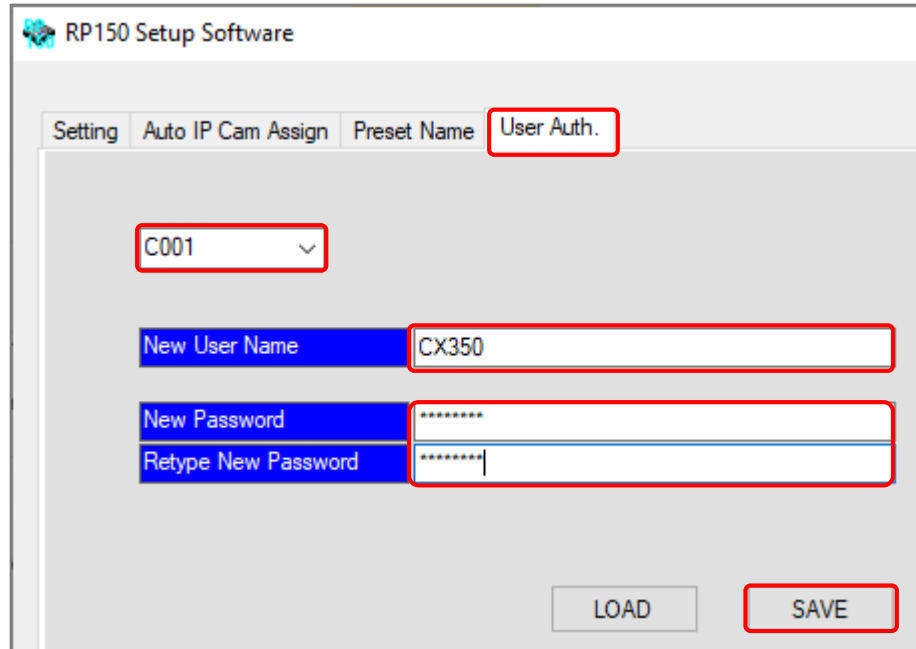


4. MAINTENANCE button > 3 FILES > MODE: FORMAT > Hit EXECUTE: YES
⇒ YES ⇒ OK



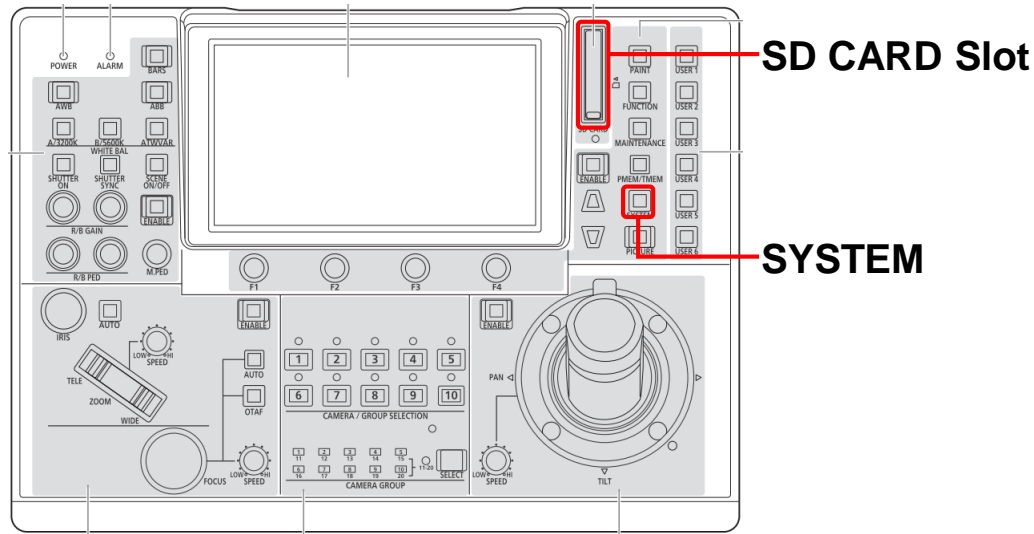
5. SYSTEM button > 2 CONNECT SETTING > Hit CNNCT MD: LAN_AG >
Hit DATA SAVE: YES ⇒ YES ⇒ OK

1-3. RP150 Setup Software

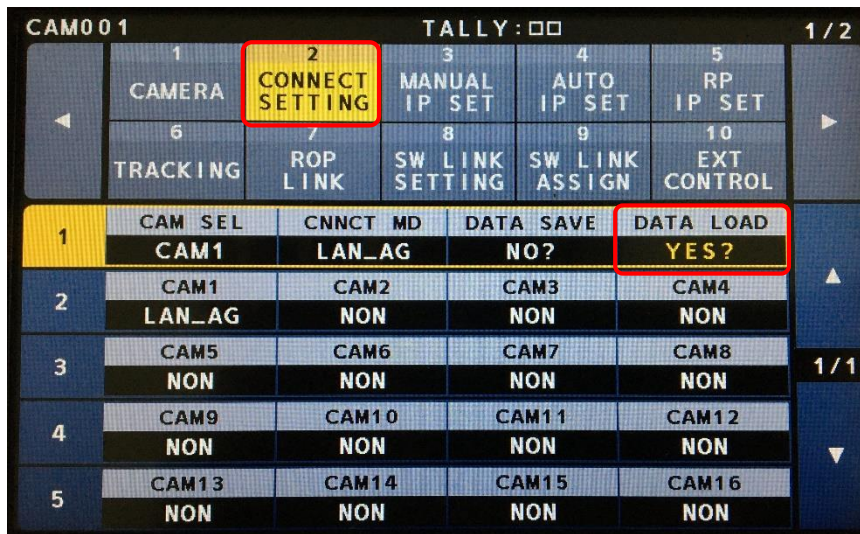


1. Pull SD card from RP150, then insert it to PC
2. [Download RP150 Setup Software](#), then open it
3. Select “User Auth.” tab
4. Select C001 (CX350 will be assigned to CAM1)
5. Set “New User Name” and “New Password” you set in Page 4 Step #4 & #5 (CX350 and 12345678)
6. Hit “SAVE”
 - Location: SD CARD>PRIVATE>MEIGROUP>PAVCN>SBG>SYSCAM>RP150>DATA
 - File name: e.g., CX350.s15

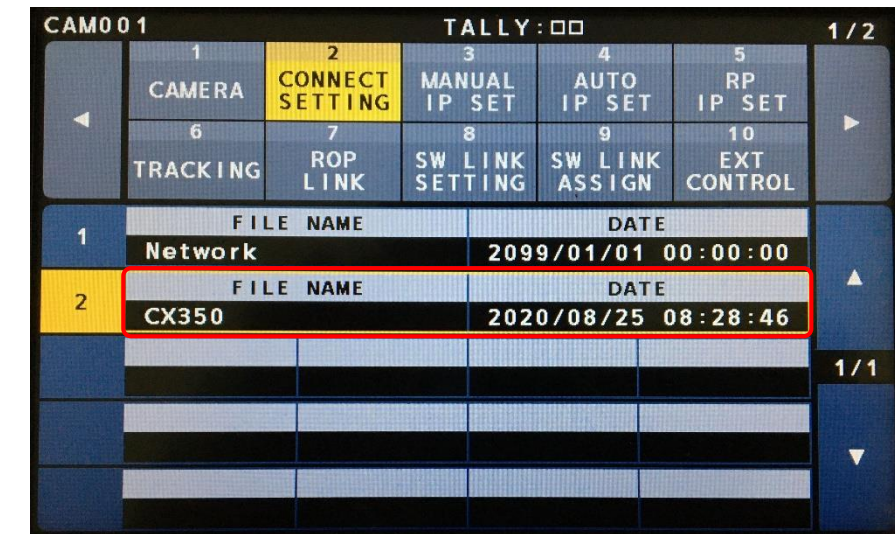
1-4. RP150 Connection Setting #2



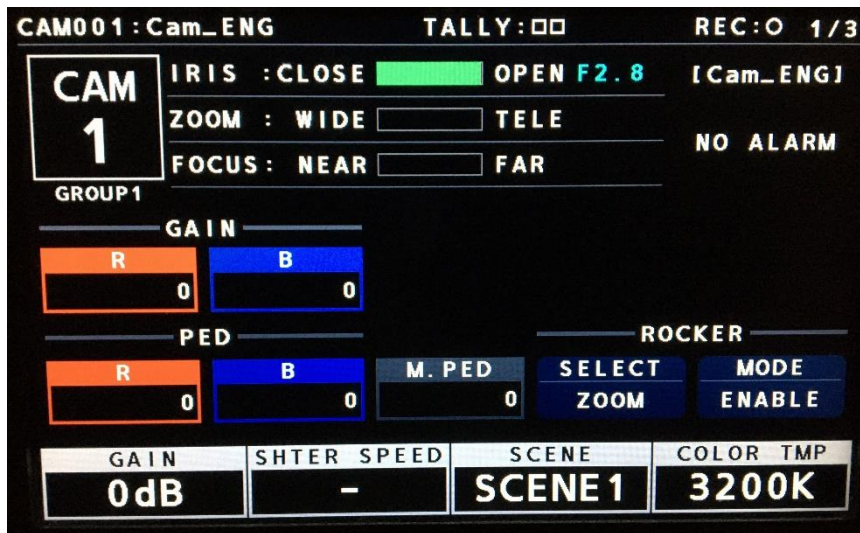
1. Pull SD card from PC, then insert it to RP150 SD CARD SLOT



2. SYSTEM button > 2 CONNECT SETTING > Hit DATA LOAD: YES

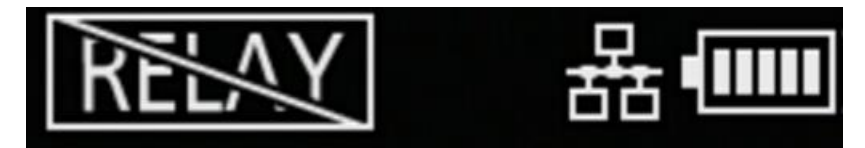


3. Select file you created (CX350), then hit it ⇒ Yes ⇒ OK

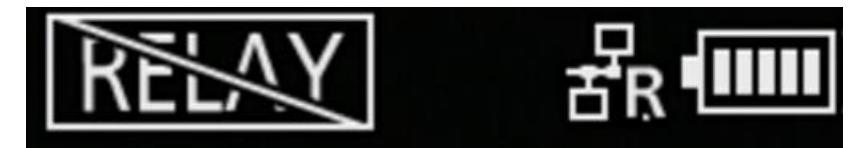


4. Now, RP150 can control CX350!

(Camera parameters shows up on RP150 & "R" mark shows up on CX350 LCD)



"R" is overlaid on Wired LAN mark



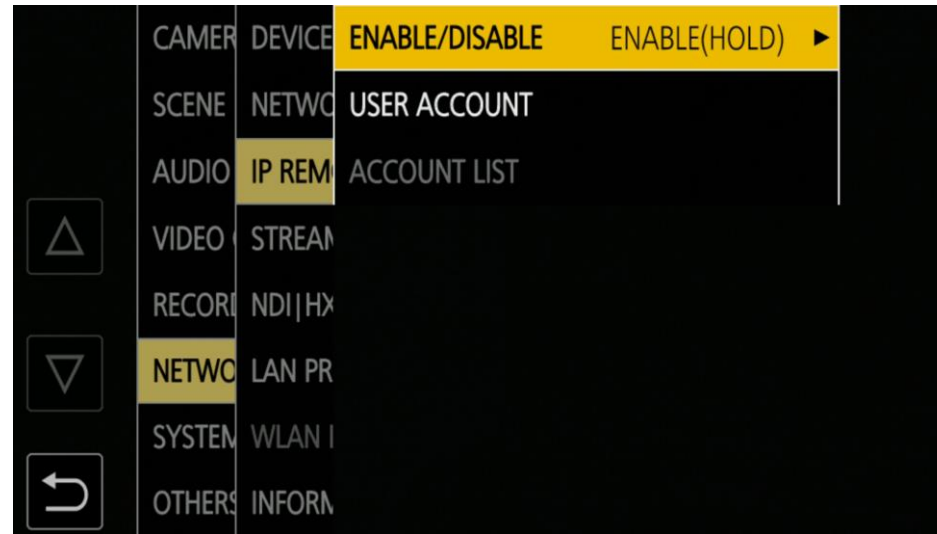
2. Wireless Connection



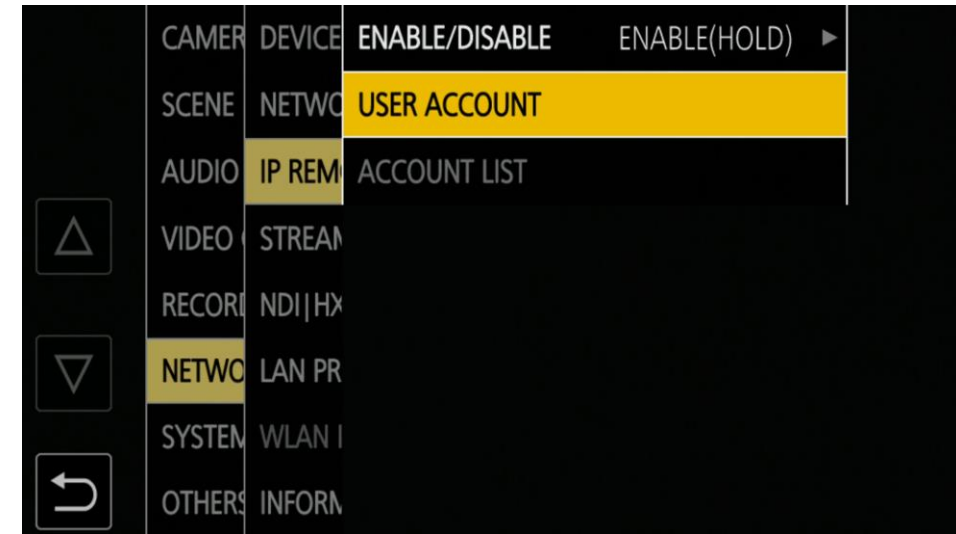
2-1. CX350 Connection Setting - Wireless



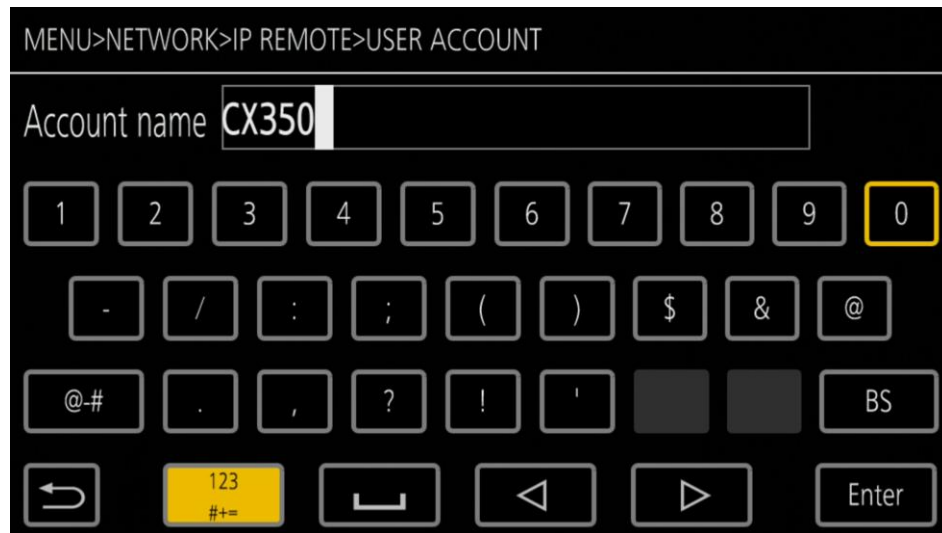
1. MENU > NETWORK > DEVICE SEL > WLAN



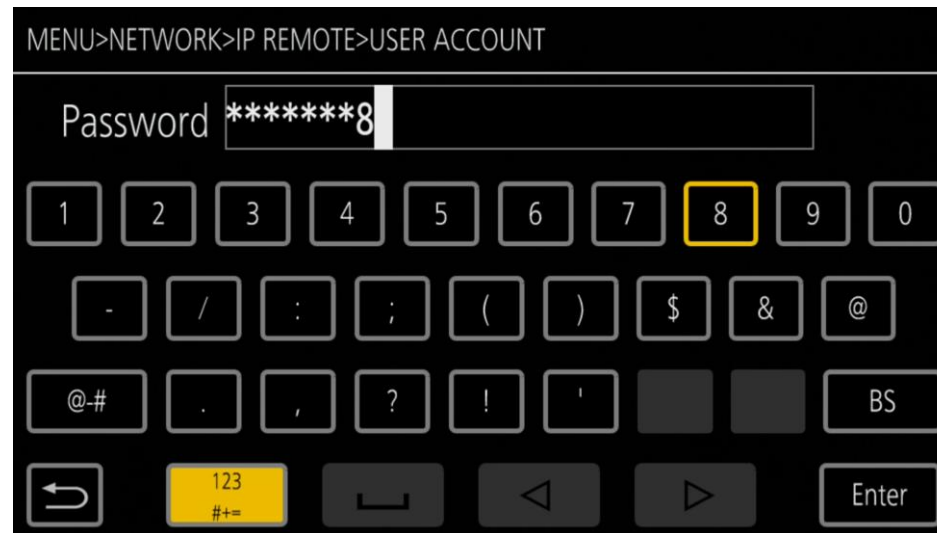
2. IP REMOTE > ENABLE/DISABLE > ENABLE(HOLD)



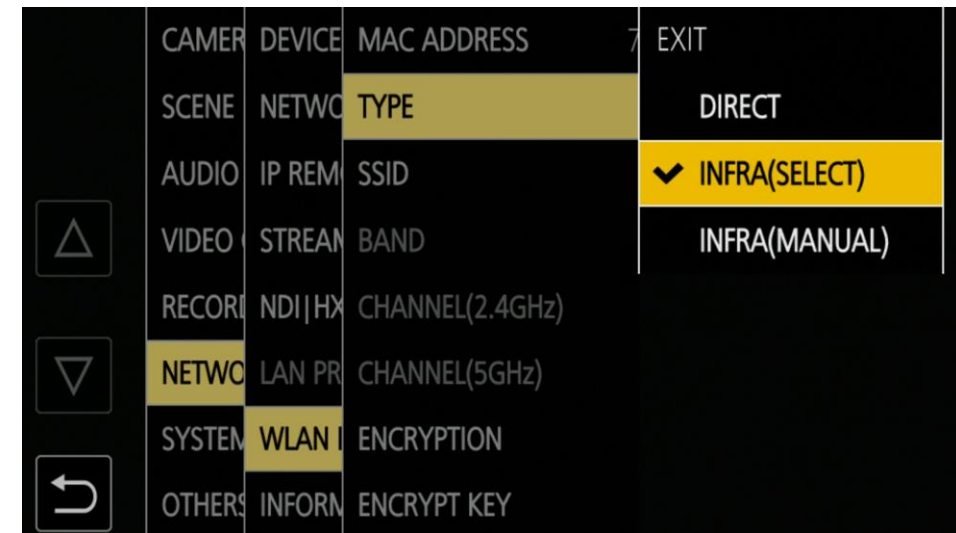
3. USER ACCOUNT



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

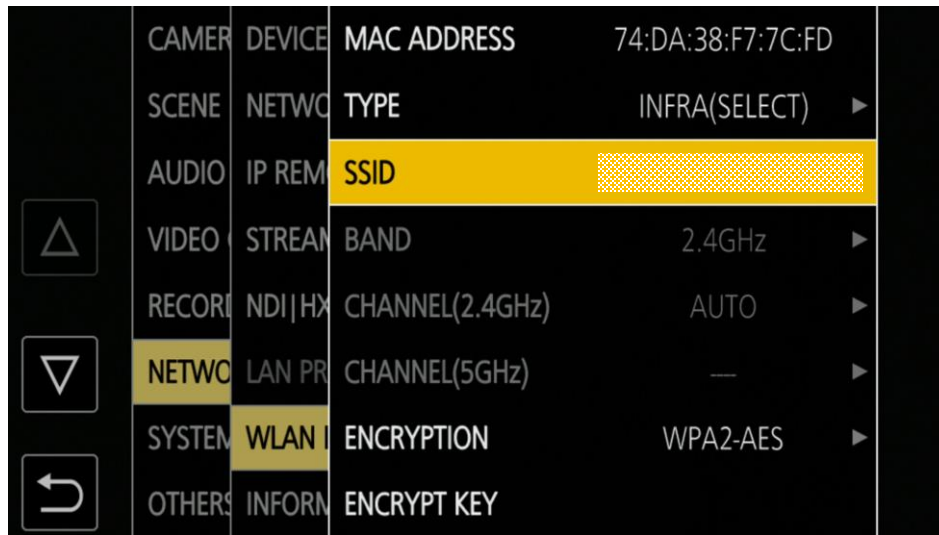


5. Set Password, e.g., 12345678

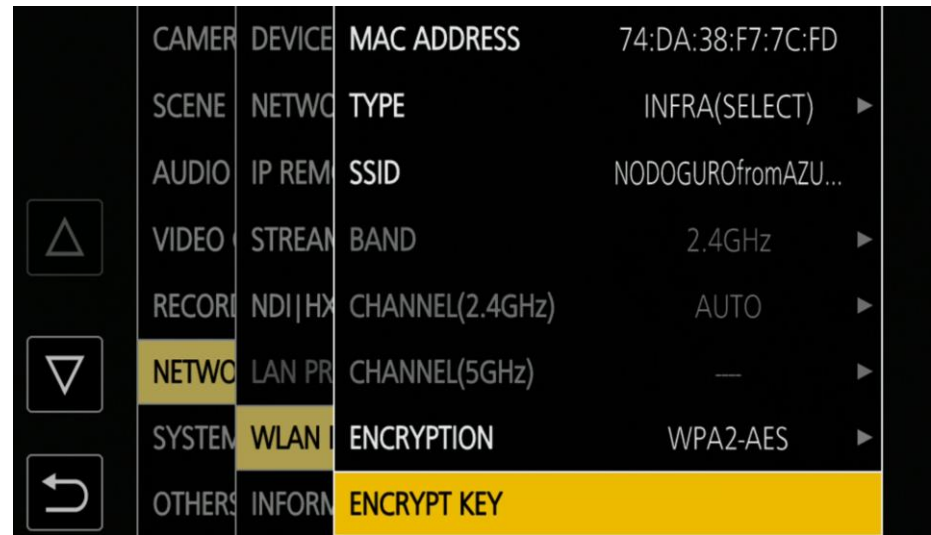


6. WLAN PROPERTY > TYPE > INFRA(SELECT)

2-1. CX350 Connection Setting - Wireless



7. SSID > Select appropriate SSID



8. Select ENCRYPT KEY

* Most of the cases WPA2-AES works as ENCRYPTION.
If not, change it accordingly.

e.g.,

- **DHCP** : **OFF**
- **IP ADDRESS** : **192.168.1.35**
- **SUBNET MASK** : **255.255.255.0**
- **DEFAULT GATEWAY** : **192.168.1.1**



9. Enter the encrypt key of the network

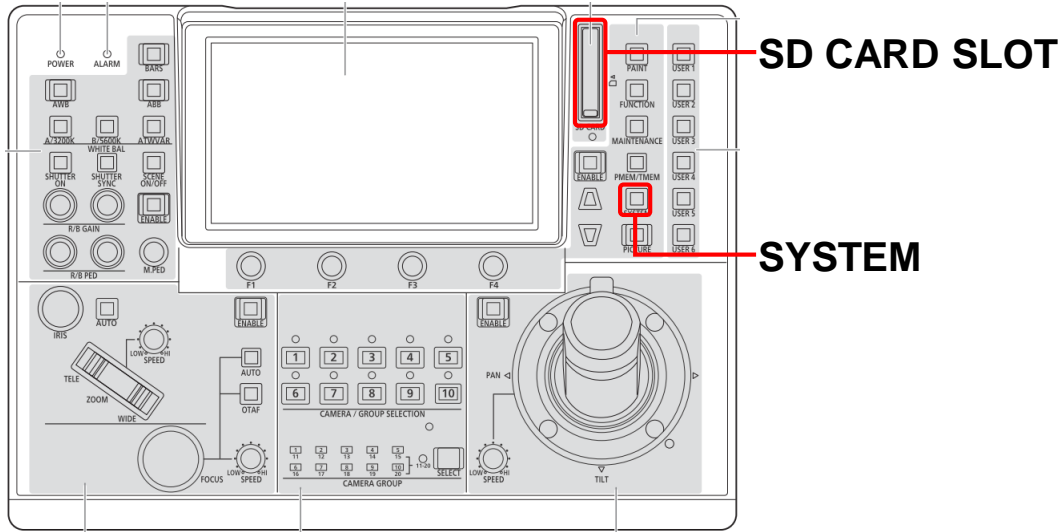


10. IPv4 SETTING > Set parameters

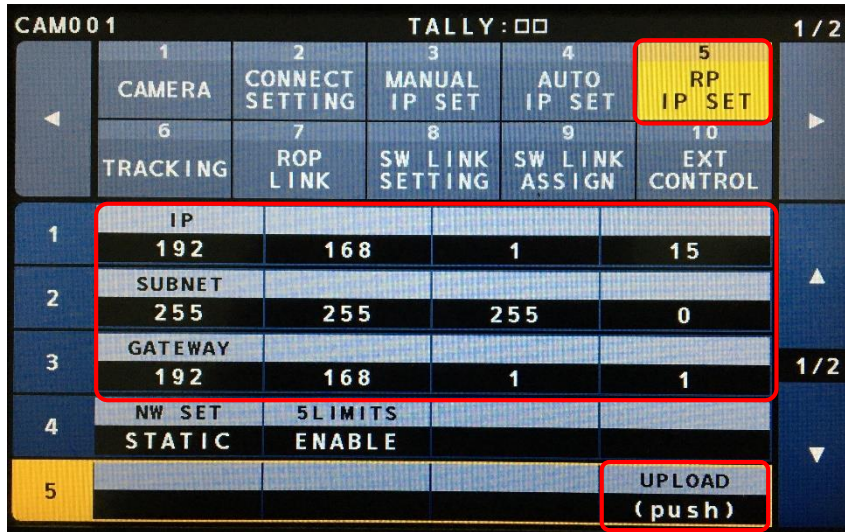
⇒ Close MENU

10. Wi-Fi icon changes if the connection is established

2-2. RP150 Connection Setting #1



1. Insert SD card to SD CARD SLOT

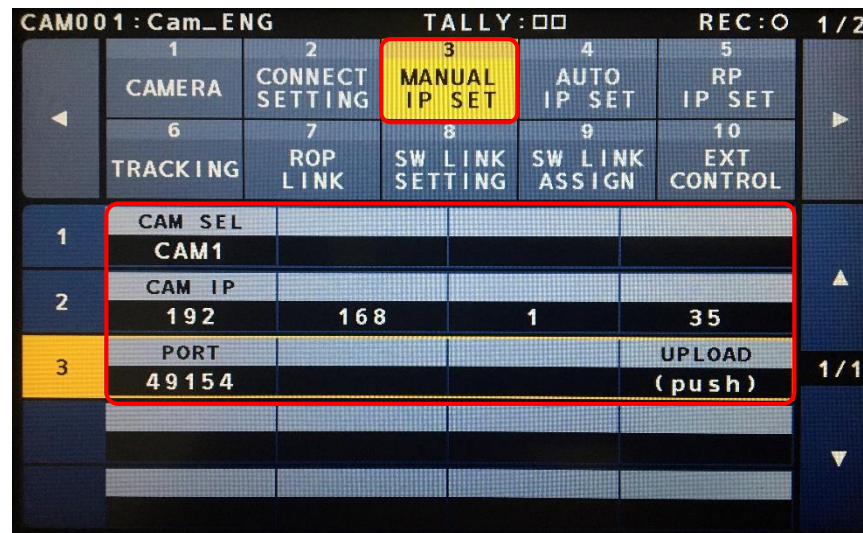


2. SYSTEM button > 5 RP IP SET > Set parameters, then hit UP LOAD
⇒ OK ⇒ Reboot RP150

RP150 IP address setting:

e.g.,

- IP ADDRESS : 192.168.1.15
- SUBNET MASK : 255.255.255.0
- DEFAULT GATEWAY : 192.168.1.1

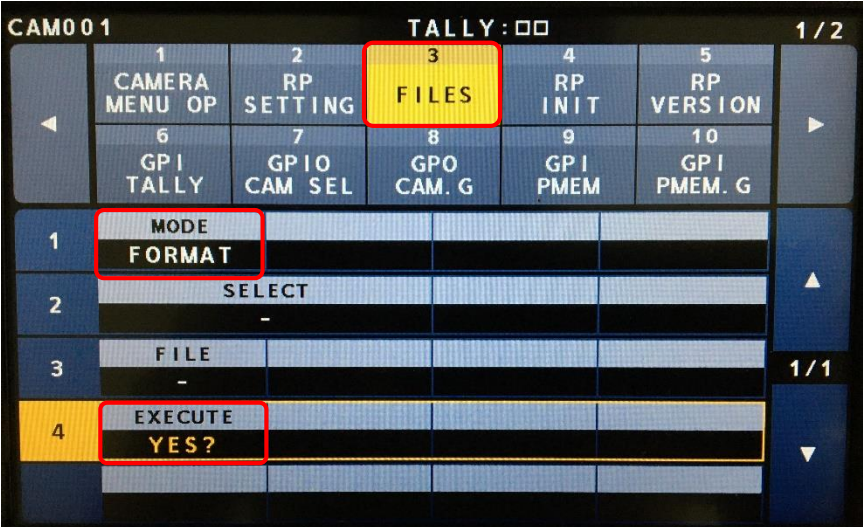
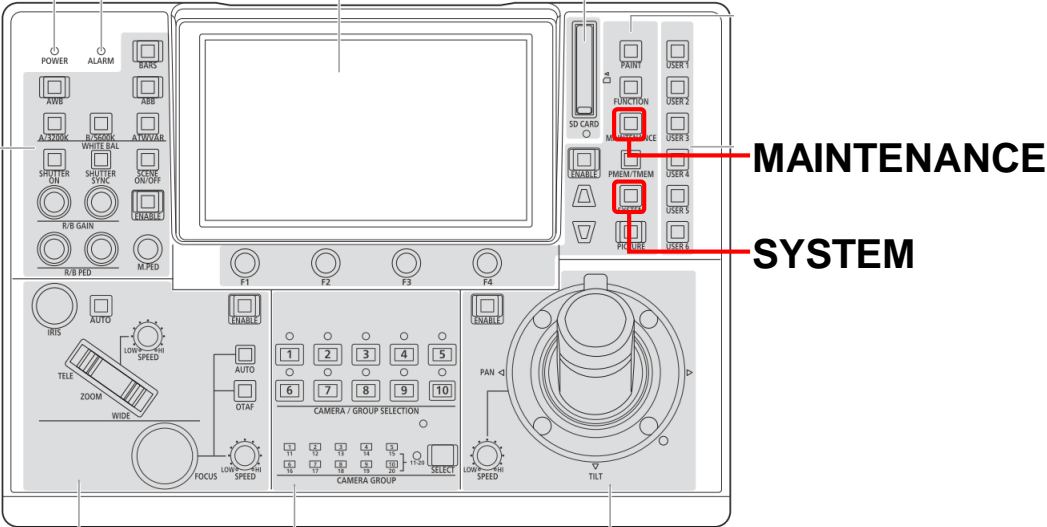


3. SYSTEM button > 3 MANUAL IP SET > Set parameters, then hit UP LOAD
⇒ OK

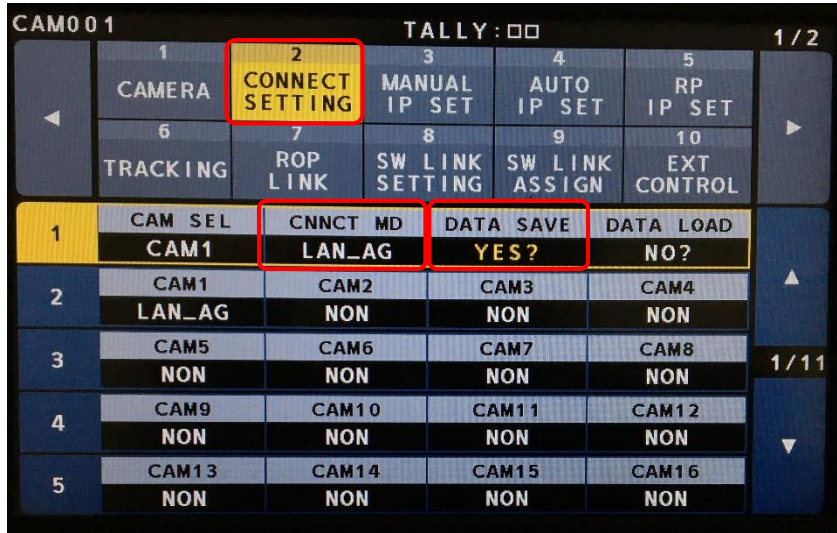
CX350 IP address on RP150 setting:

- CAM SEL : e.g., CAM1
- IP ADDRESS : 192.168.1.35
(* See Page 12 Step #10)
- PORT : **49154**

2-2. RP150 Connection Setting #1

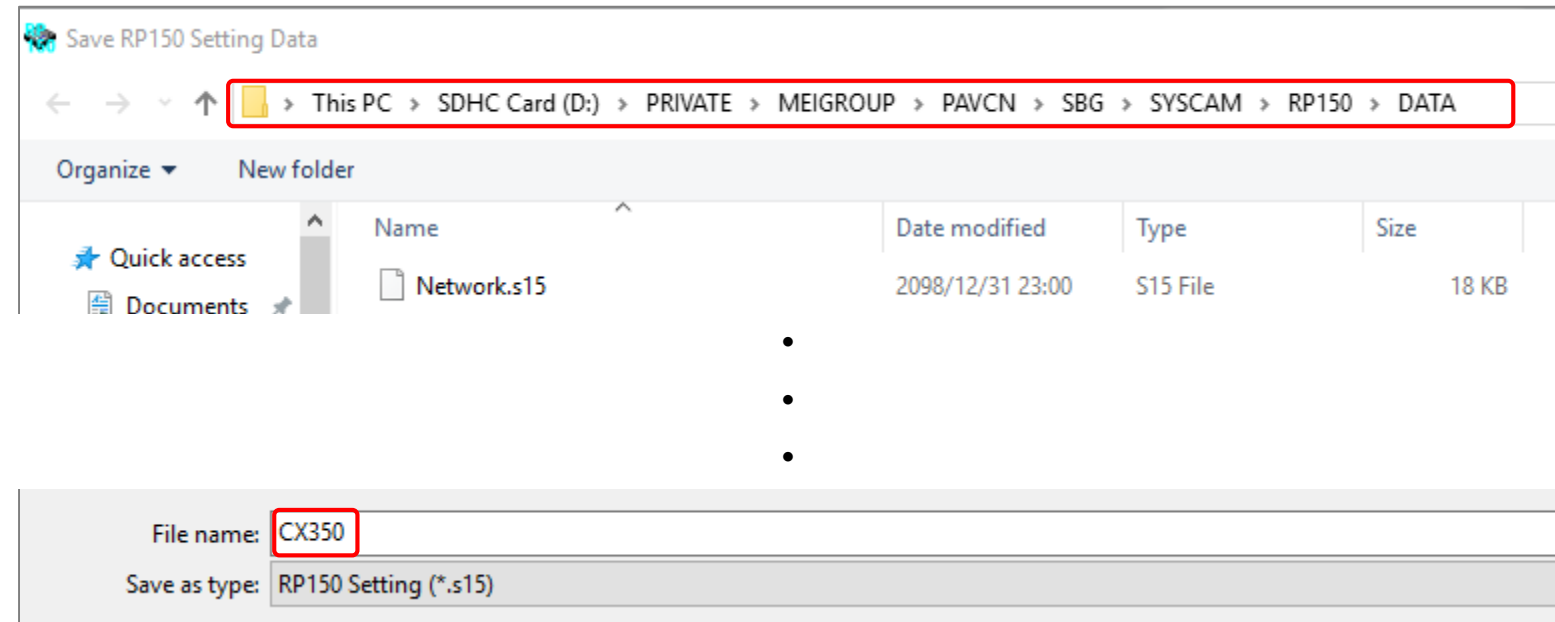
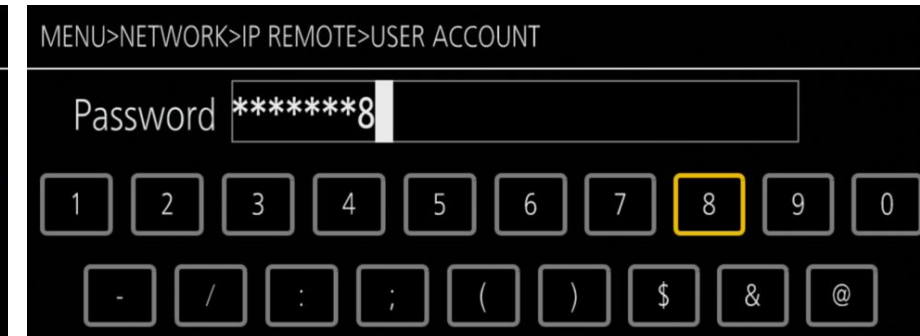
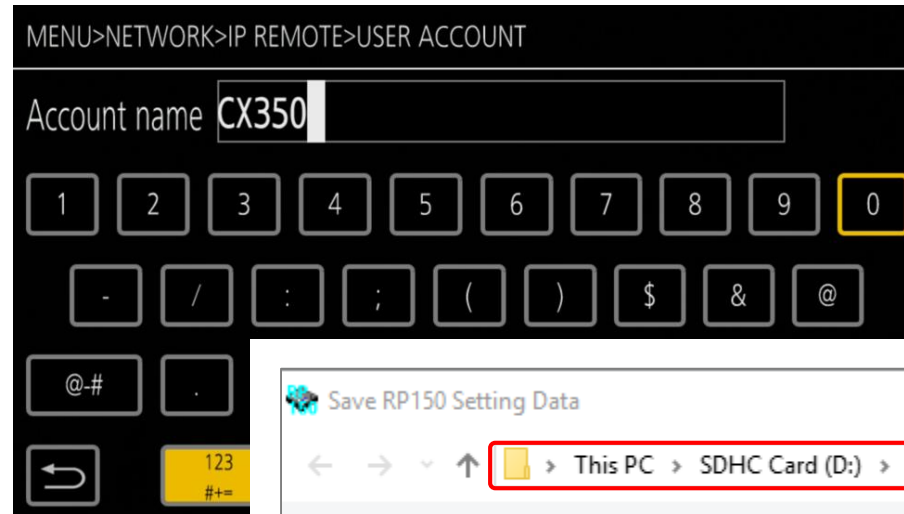
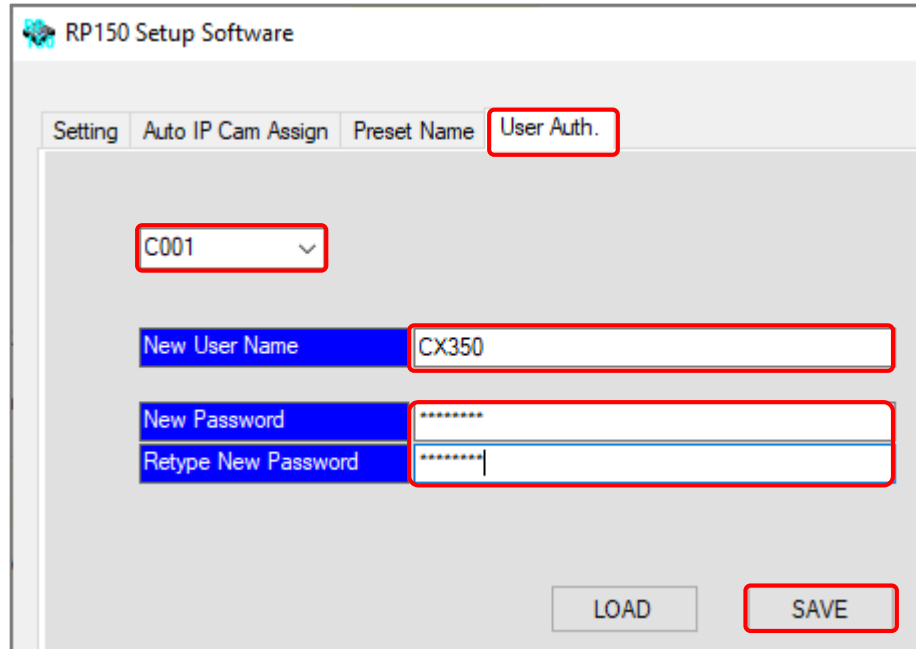


4. MAINTENANCE button > 3 FILES > MODE: FORMAT > Hit EXECUTE: YES
⇒ YES ⇒ OK



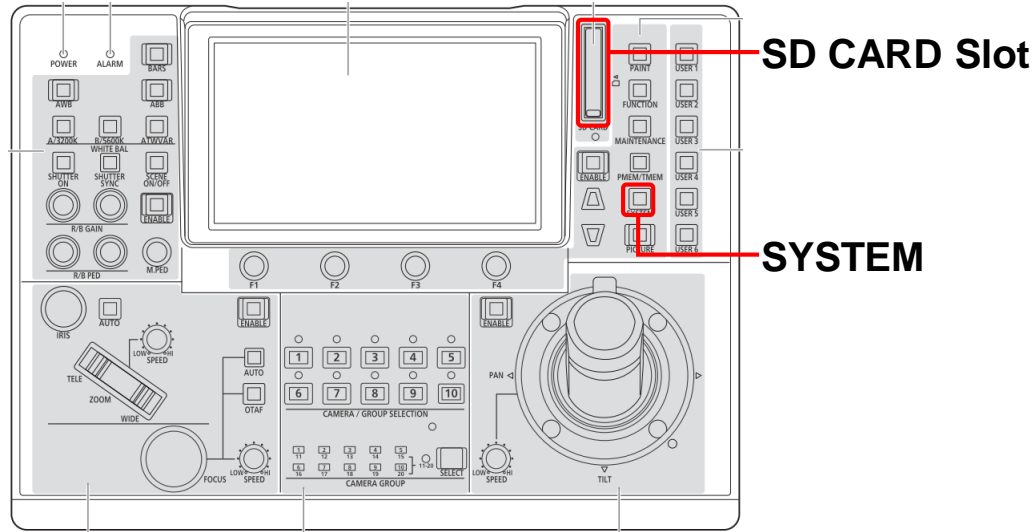
5. SYSTEM button > 2 CONNECT SETTING > Hit CNNCT MD: LAN_AG >
Hit DATA SAVE: YES ⇒ YES ⇒ OK

2-3. RP150 Setup Software

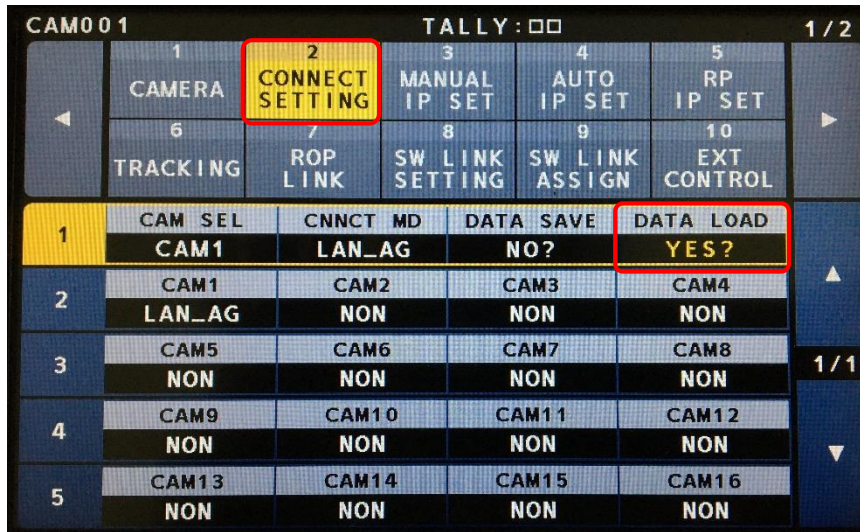


1. Pull SD card from RP150, then insert it to PC
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4. Select C001 (CX350 will be assigned to CAM1)
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6. Hit “SAVE”
 - Location: SD CARD>PRIVATE>MEIGROUP>PAVCN>SBG>SYSCAM>RP150>DATA
 - File name: e.g., CX350.s15

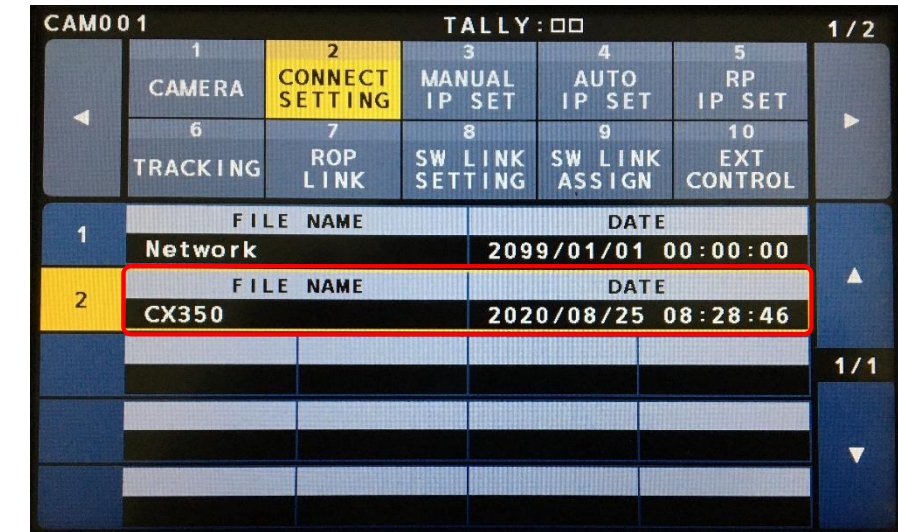
2-4. RP150 Connection Setting #2



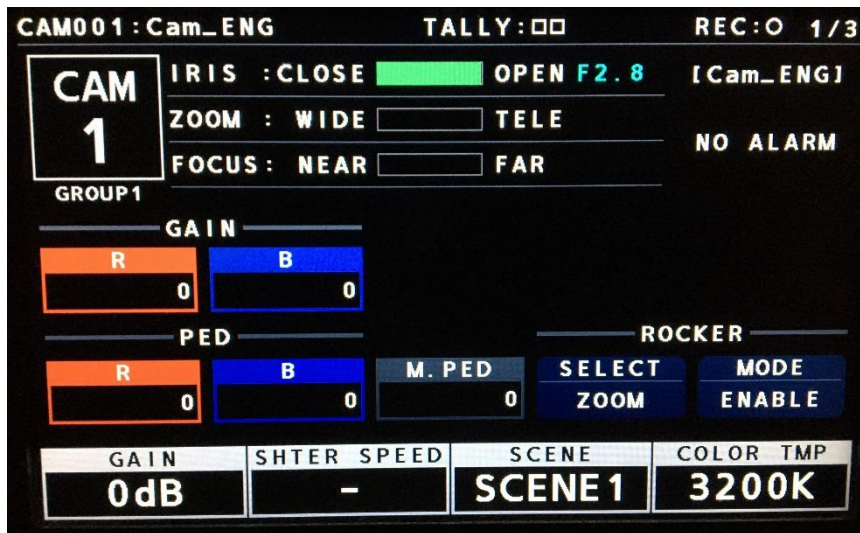
1. Pull SD card from PC, then insert it to RP150 SD CARD SLOT



2. SYSTEM button > 2 CONNECT SETTING > Hit DATA LOAD: YES

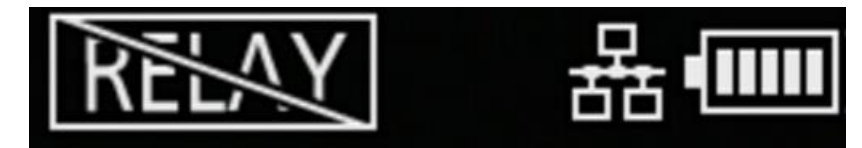


3. Select file you created (CX350), then hit it ⇒ Yes ⇒ OK

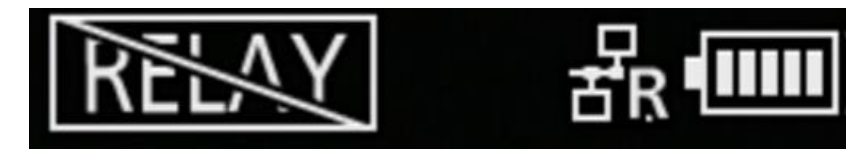


4. Now, RP150 can control CX350!

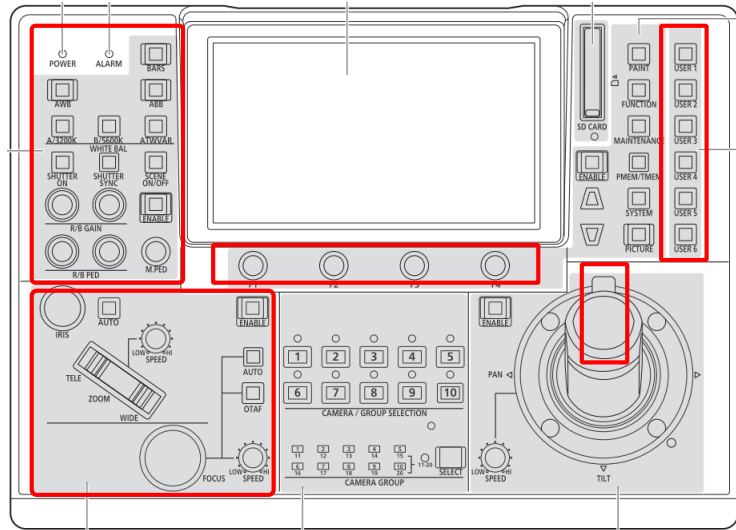
(Camera parameters shows up on RP150 & "R" mark shows up on CX350 LCD)



"R" is overlaid on Wired LAN mark



3. Supported Functions - CX350 + RP150



❑ Lens Control:

ZOOM, iZOOM, FOCUS, IRIS, OIS

❑ Paint control & Picture adjustment:

AWB, ABB, COLOR TEMP

R/B GAIN, (Master) GAIN, R/B/G PED, Master PED

CHROMA, MATRIX, COLOR CORRECTION

DTL, SKIN DTL

ND, SHUTTER, GAMMA, KNEE

SCENE FILE

❑ Other:

REC Start/Stop

MENU control

Tally trigger from RP150 GPIO

Audio setting

Color BAR

CAM001 : Cam_ENG TALLY : REC : ● 1/3

CAM 1 IRIS : CLOSE OPEN F3.9 [Cam_ENG]

ZOOM : WIDE TELE

FOCUS : NEAR FAR NO ALARM

GROUP 1

GAIN

R +2 B +3

PED

R +4 B +5 M. PED +6

ROCKER

SELECT ZOOM MODE ENABLE

GAIN	SHTER SPEED	ND	COLOR TMP
2dB	1/60.0	ND2	2790K