

AG-CX350 / AW-RP150

Connection Setup Guide

Wired



Wireless



October 2020

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

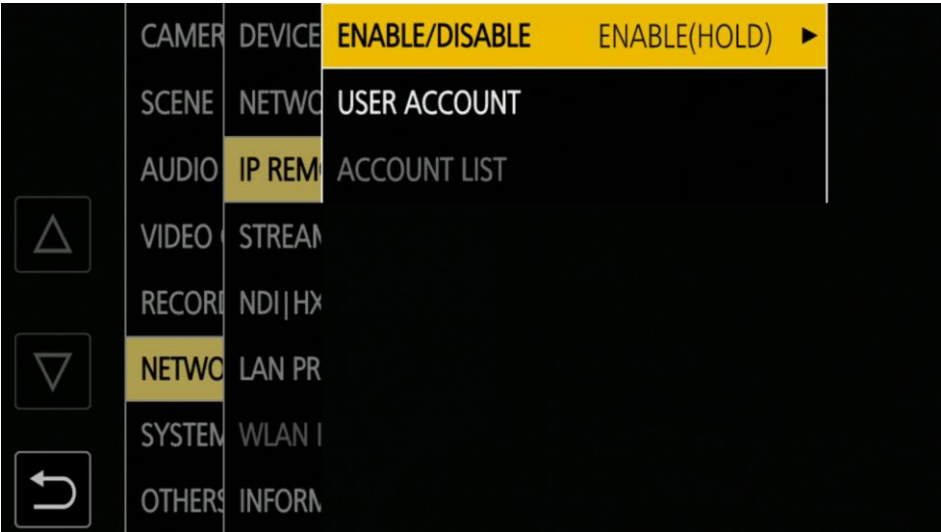
1. Wired Connection



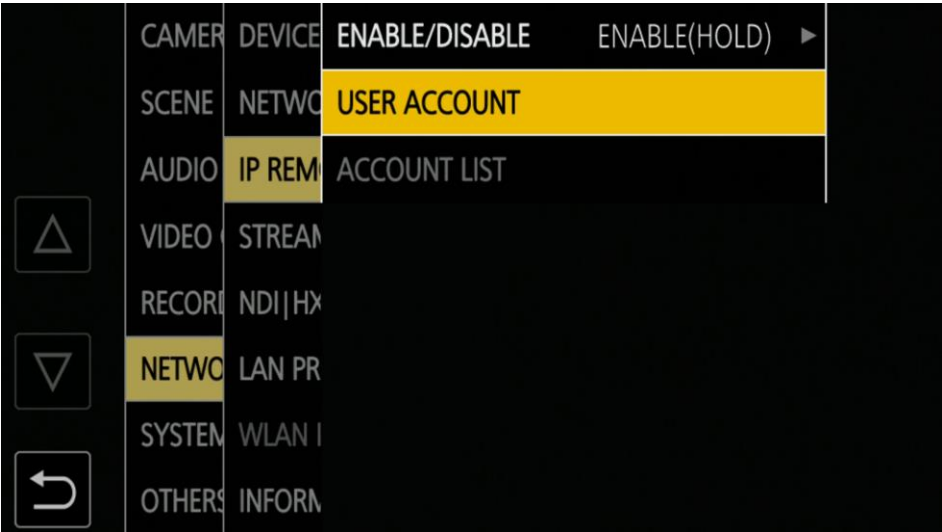
1-1. CX350 Connection Setting - Wired



1. MENU > NETWORK > DEVICE SEL > LAN



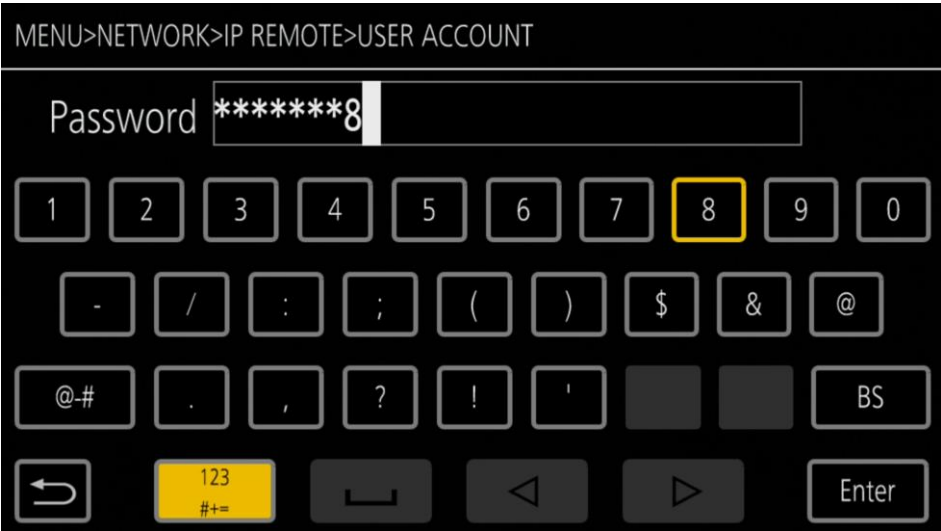
2. IP REMOTE > ENABLE/DISABLE > ENABLE(HOLD)



3. USER ACCOUNT



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



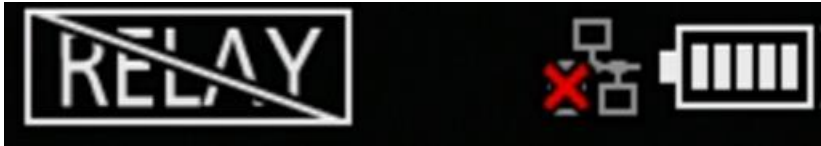
5. Set Password, e.g., 12345678

1-1. CX350 Connection Setting - Wired

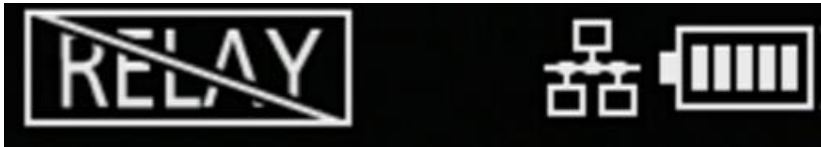
	CAMERA	DEVICE	MAC A	DHCP	OFF
	SCENE	NETWO	IPv4 SE	IP ADDRESS	192.168. 1. 35
	AUDIO	IP REM	IPv6 SE	SUBNET MASK	255.255.255. 0
▲	VIDEO	STREAM		DEFAULT GATEWAY	192.168. 1. 1
	RECORD	NDI HX		PRIMARY DNS	0. 0. 0. 0
▼	NETWO	LAN PR		SECONDARY DNS	0. 0. 0. 0
	SYSTEM	WLAN I			
↶	OTHERS	INFORM			

e.g.,

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

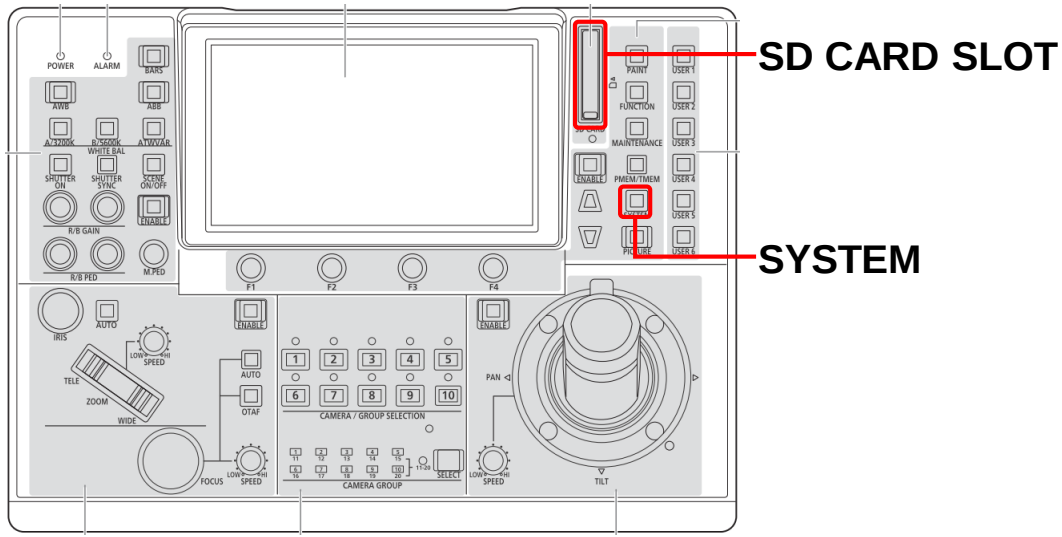


Wired LAN mark shows it is operating

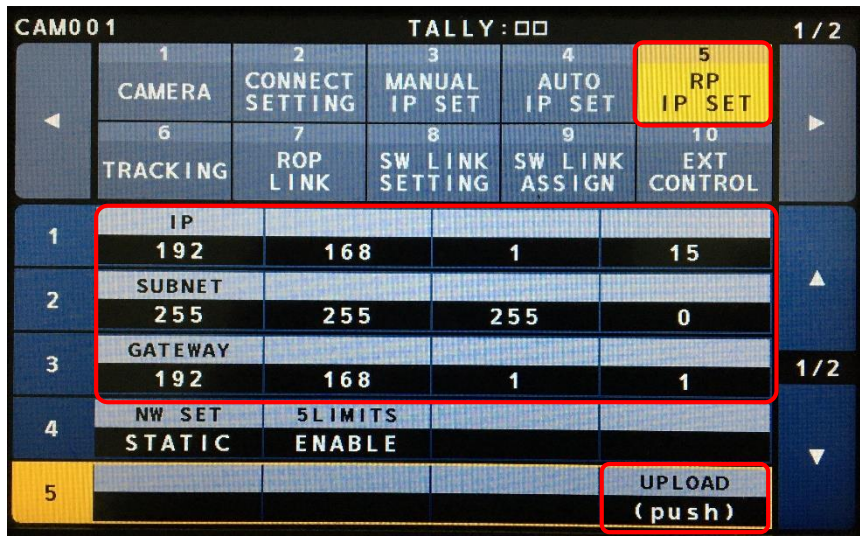


6. LAN PROPERTY > IPv4 SETTING >
Set parameters ⇒ Close MENU

1-2. RP150 Connection Setting #1



1. Insert SD card to SD CARD SLOT

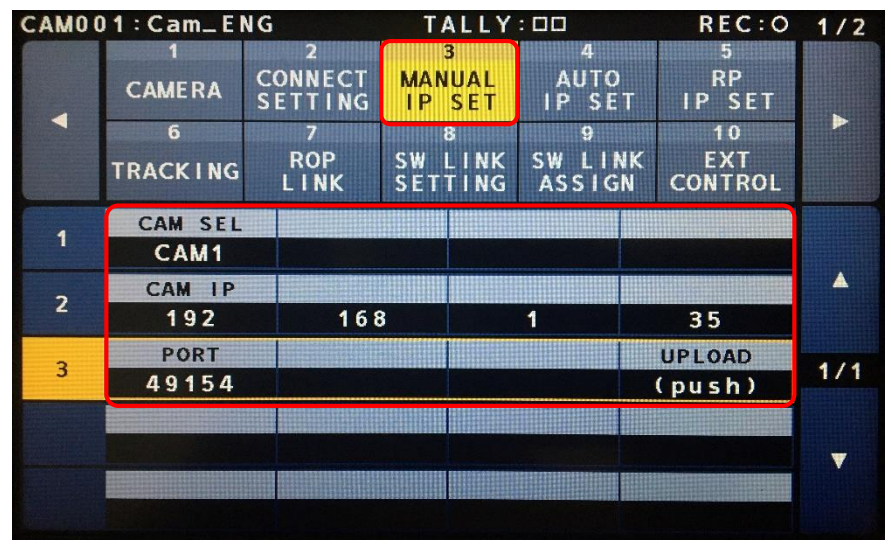


2. SYSTEM button > 5 RP IP SET > Set parameters, then hit UP LOAD
⇒ OK ⇒ Reboot RP150

RP150 IP address setting:

e.g.,

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

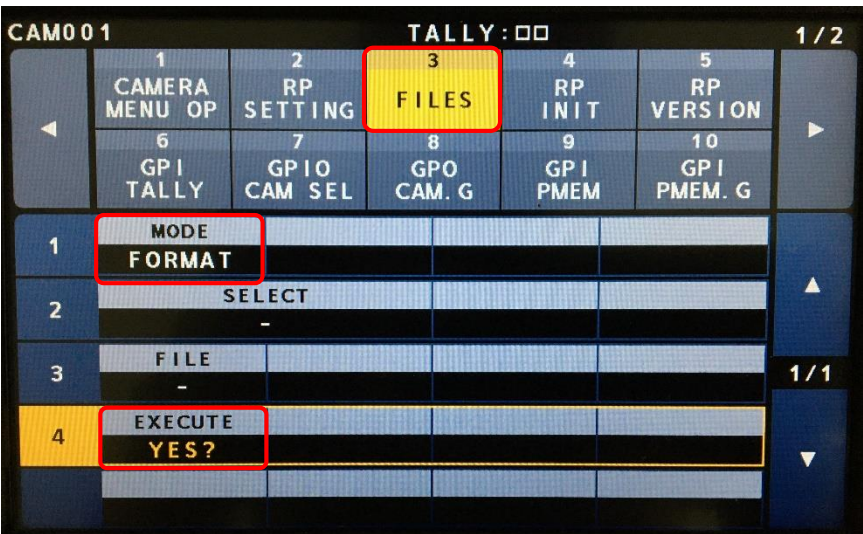
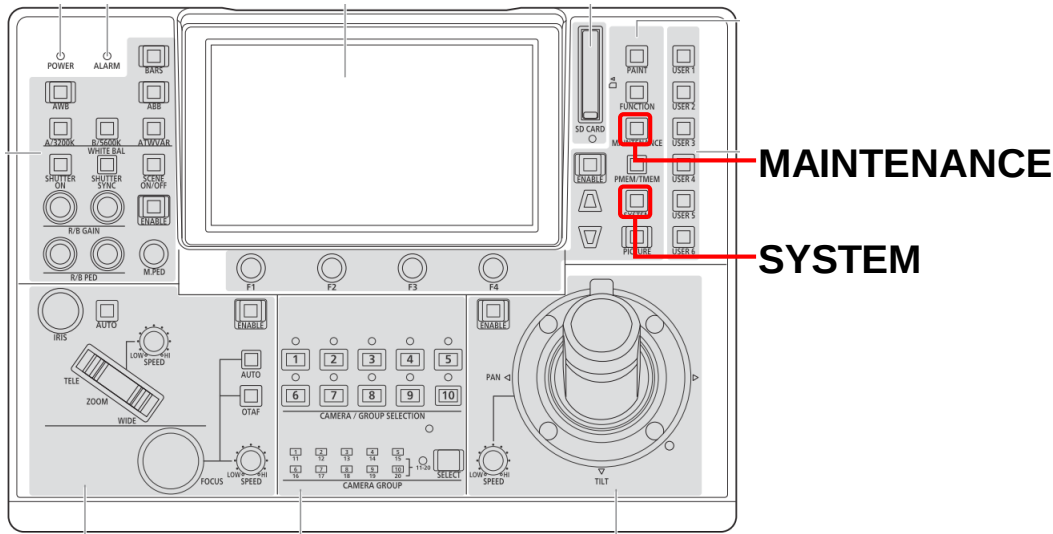


CX350 IP address on RP150 setting:

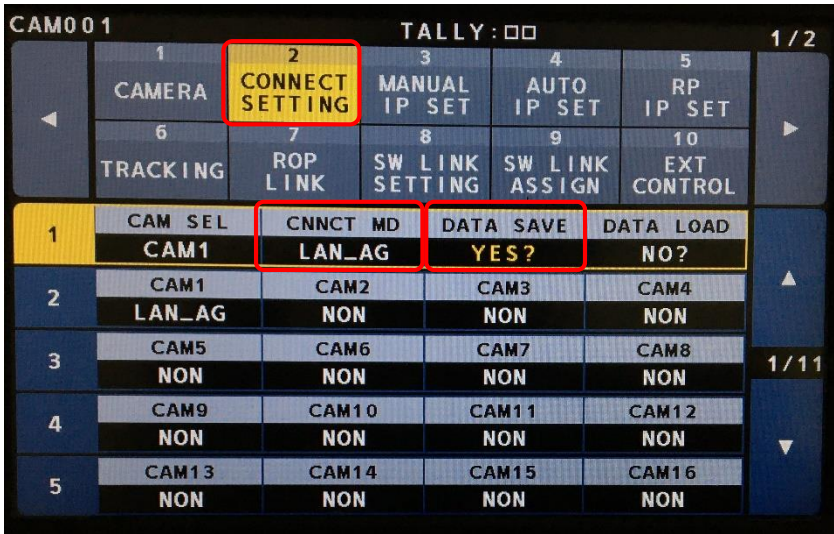
- CAM SEL : e.g., CAM1
- IP ADDRESS : 192.168.1.35
(* See Page 5 Step #6)
- PORT : 49154

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

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



RP150 Setup Software

Setting Auto IP Cam Assign Preset Name **User Auth.**

C001

New User Name CX350

New Password *****

Retype New Password *****

LOAD SAVE

MENU>NETWORK>IP REMOTE>USER ACCOUNT

Account name CX350

1 2 3 4 5 6 7 8 9 0

- / : ; () \$ & @

@#

123 #+=

MENU>NETWORK>IP REMOTE>USER ACCOUNT

Password *****8

1 2 3 4 5 6 7 8 9 0

- / : ; () \$ & @

Save RP150 Setting Data

< > > > > This PC > SDHC Card (D:) > PRIVATE > MEIGROUP > PAVCN > SBG > SYSCAM > RP150 > DATA

Organize New folder

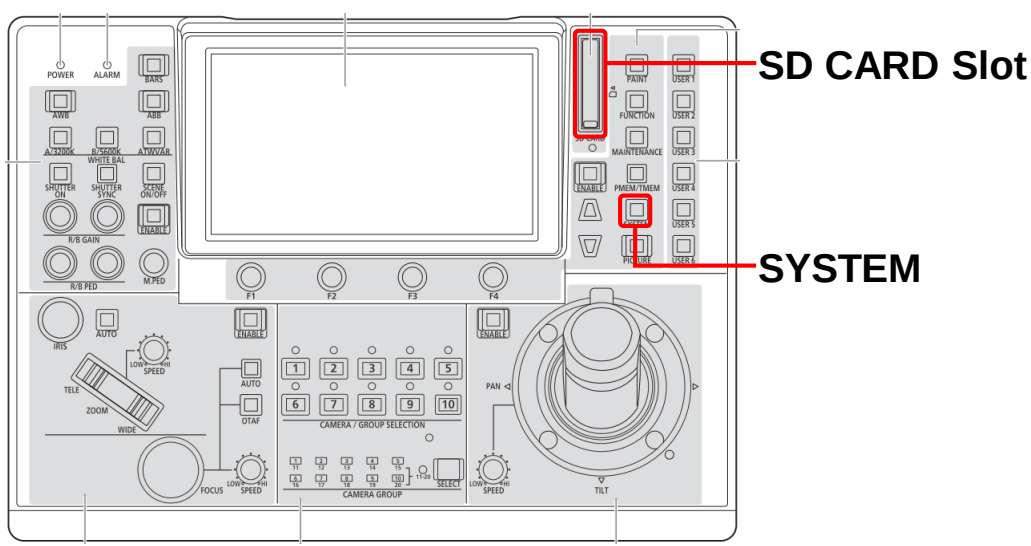
Name	Date modified	Type	Size
Network.s15	2098/12/31 23:00	S15 File	18 KB

File name: CX350

Save as type: RP150 Setting (*.s15)

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

CAM001						TALLY: □□		1/2	
1	CAMERA	2	CONNECT SETTING	3	MANUAL IP SET	4	AUTO IP SET	5	RP IP SET
6	TRACKING	7	ROP LINK	8	SW LINK SETTING	9	SW LINK ASSIGN	10	EXT CONTROL
1	CAM SEL	CNNCT MD	DATA SAVE	DATA LOAD					
	CAM1	LAN_AG	NO?	YES?					
2	CAM1	CAM2	CAM3	CAM4					
	LAN_AG	NON	NON	NON					
3	CAM5	CAM6	CAM7	CAM8					
	NON	NON	NON	NON					
4	CAM9	CAM10	CAM11	CAM12					
	NON	NON	NON	NON					
5	CAM13	CAM14	CAM15	CAM16					
	NON	NON	NON	NON					

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

CAM001 : Cam_ENG		TALLY: ☐		REC: O 1/3	
CAM 1	IRIS : CLOSE OPEN F2.8		[Cam_ENG]		
	ZOOM : WIDE TELE				
	FOCUS : NEAR FAR				
GROUP1					
GAIN					
R 0		B 0			
PED					
R 0		B 0		M. PED 0	SELECT ZOOM
MODE ENABLE					
GAIN		SHTER SPEED		SCENE	
0dB		-		SCENE 1	
				COLOR TMP	
				3200K	

4. Now, RP150 can control CX350!
(Camera parameters shows up on RP150 & “R” mark shows up on CX350 LCD)

CAM001						TALLY: □□		1/2	
1	CAMERA	2	CONNECT SETTING	3	MANUAL IP SET	4	AUTO IP SET	5	RP IP SET
6	TRACKING	7	ROP LINK	8	SW LINK SETTING	9	SW LINK ASSIGN	10	EXT CONTROL
1	FILE NAME			DATE					
	Network			2099/01/01 00:00:00					
2	FILE NAME			DATE					
	CX350			2020/08/25 08:28:46					
						1/1			

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



“R” is overlaid on Wired LAN mark



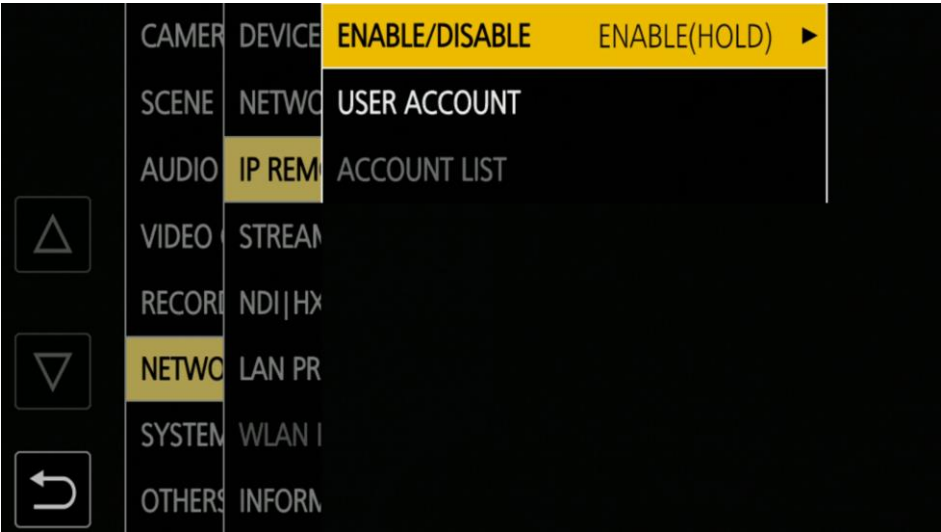
2. Wireless Connection



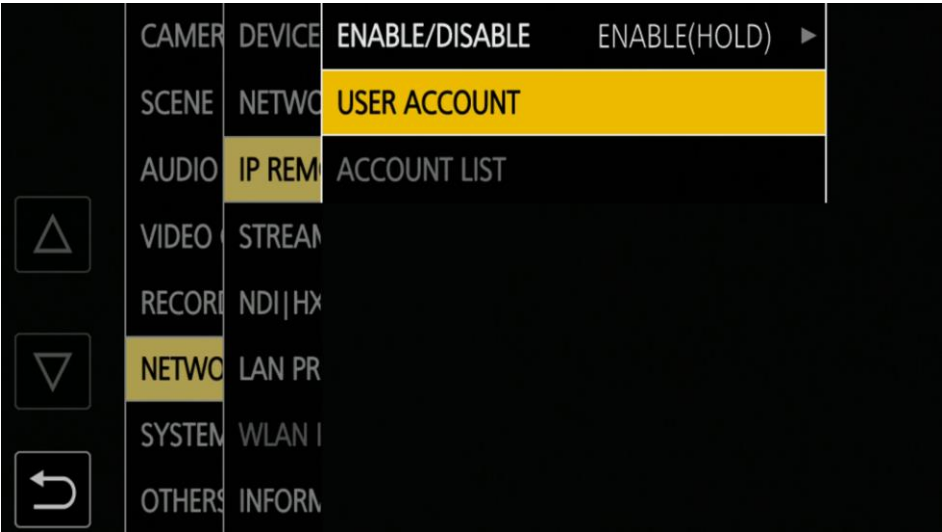
2-1. CX350 Connection Setting - Wireless



1. MENU > NETWORK > DEVICE SEL > WLAN



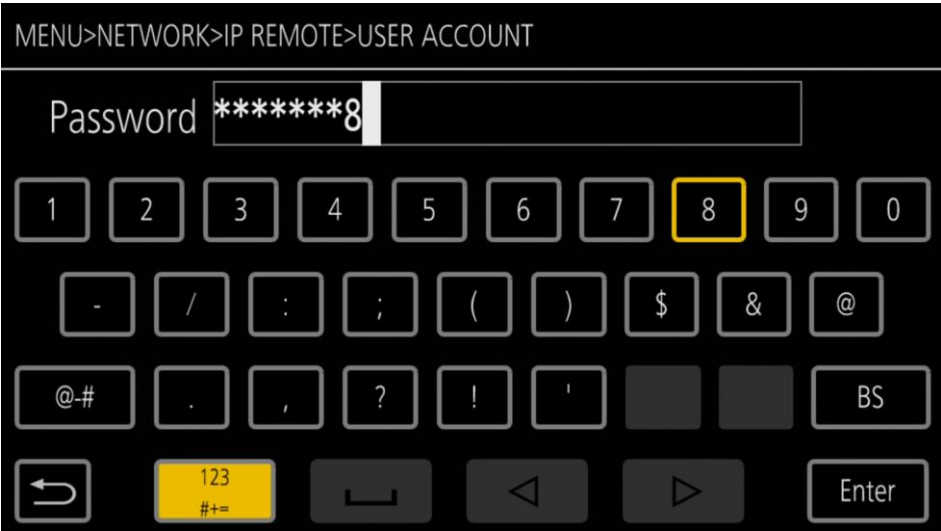
2. IP REMOTE > ENABLE/DISABLE > ENABLE(HOLD)



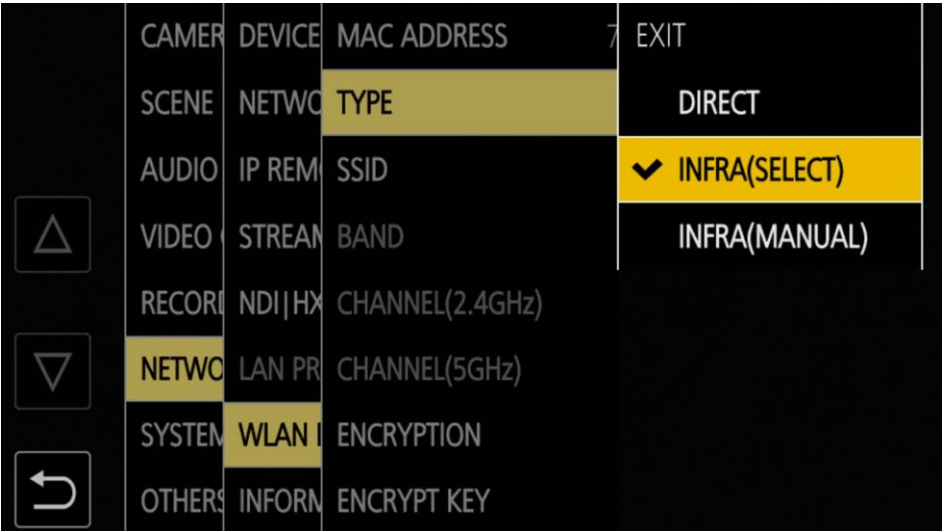
3. USER ACCOUNT



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

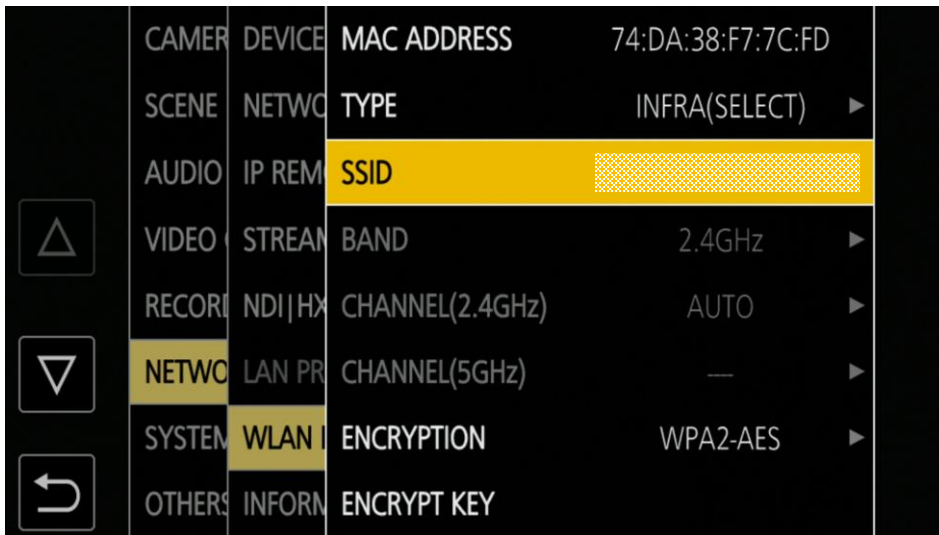


5. Set Password, e.g., 12345678

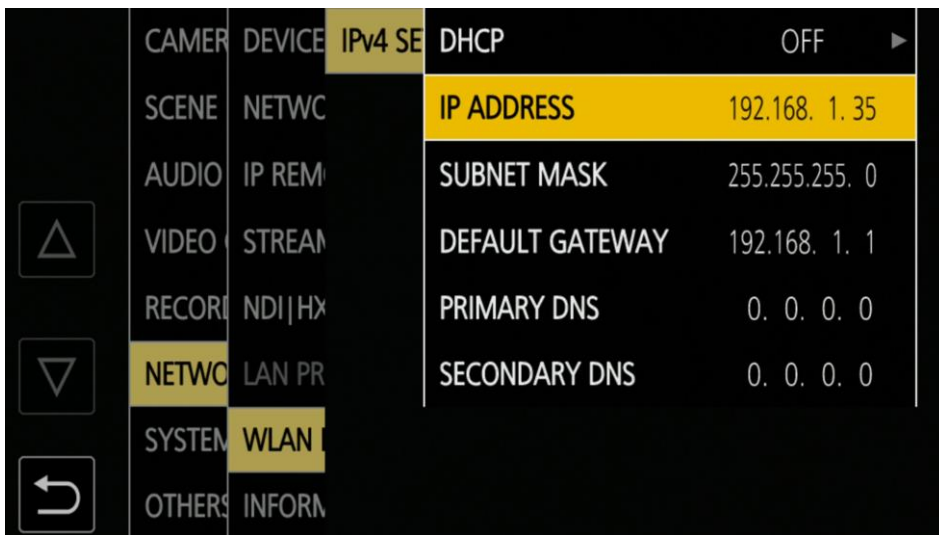


6. WLAN PROPERTY > TYPE > INFRA(SELECT)

2-1. CX350 Connection Setting - Wireless

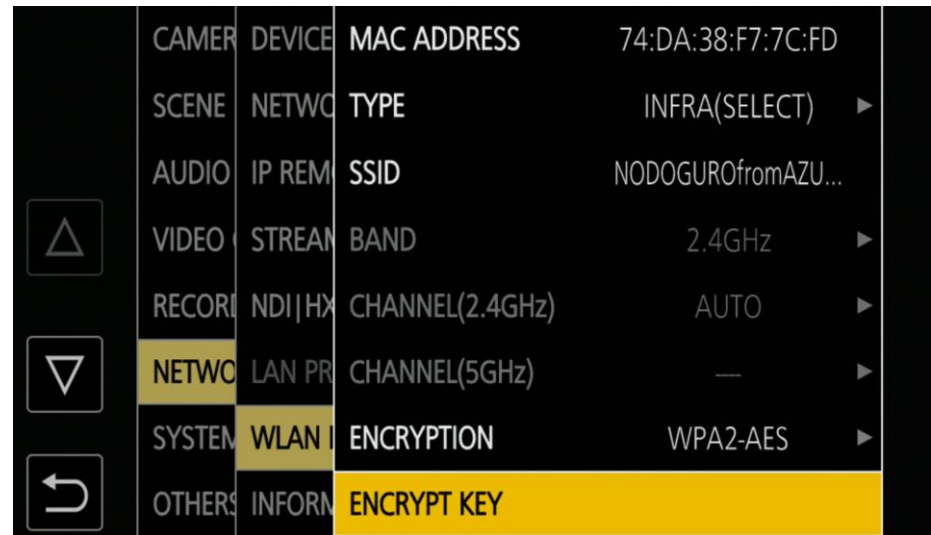


7. SSID > Select appropriate SSID



10.IPv4 SETTING > Set parameters

⇒ **Close MENU**



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**

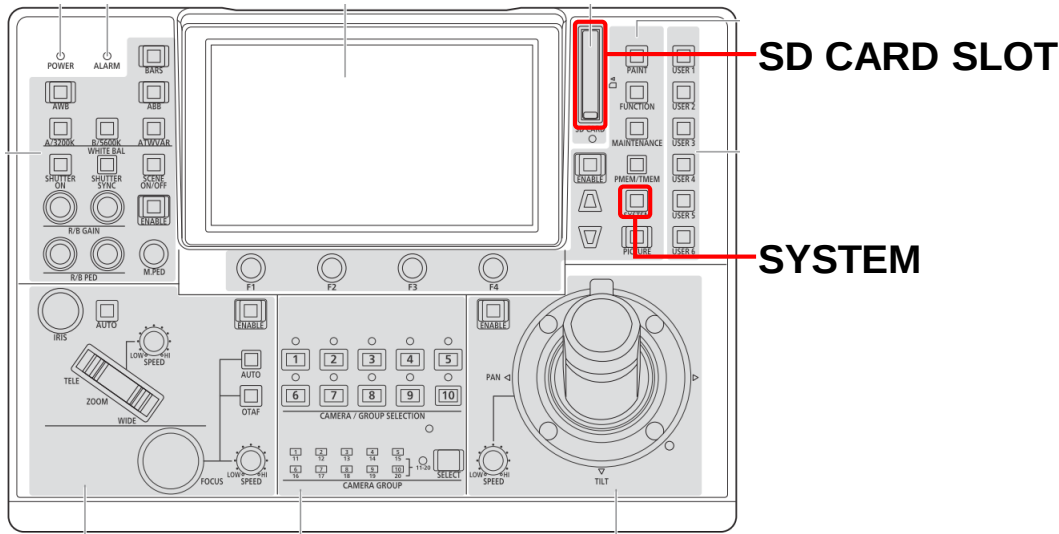


9. Enter the encrypt key of the network

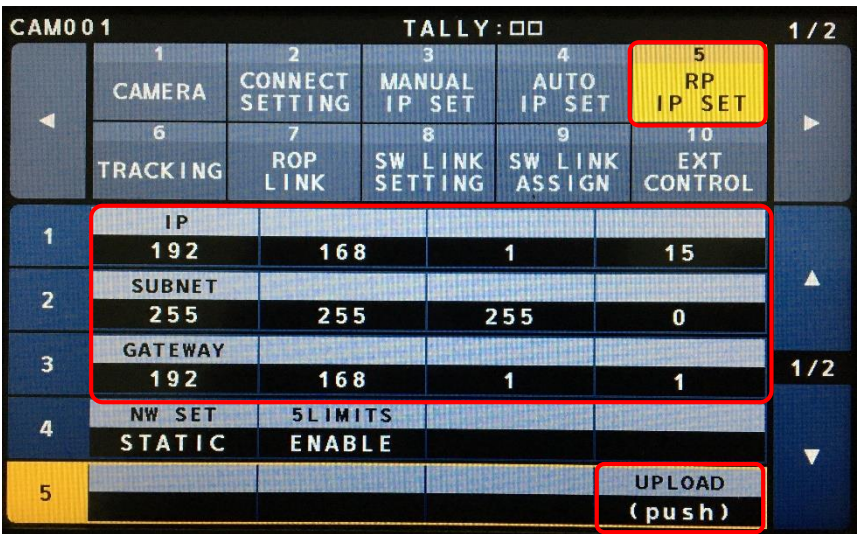


10. Wi-Fi icon changes if the connection is established

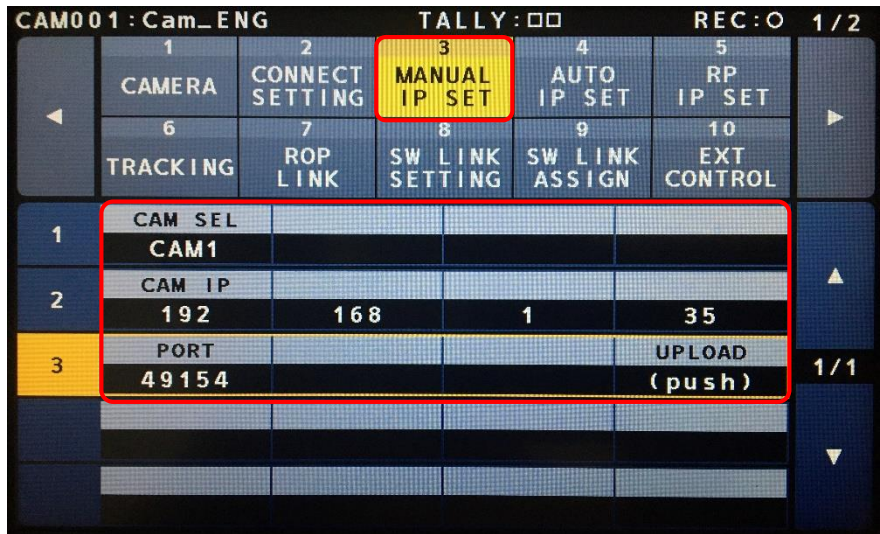
2-2. RP150 Connection Setting #1



1. Insert SD card to SD CARD SLOT



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



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

RP150 IP address setting:

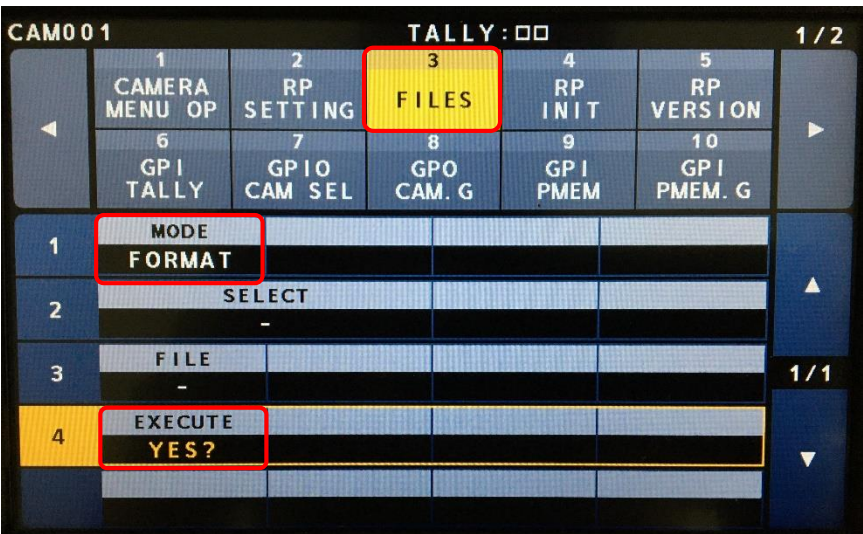
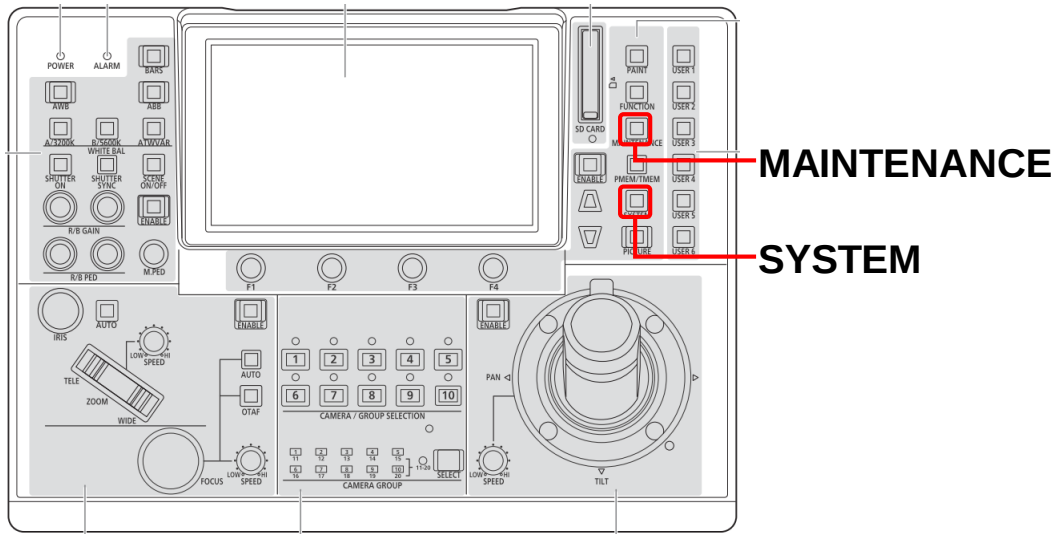
e.g.,

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

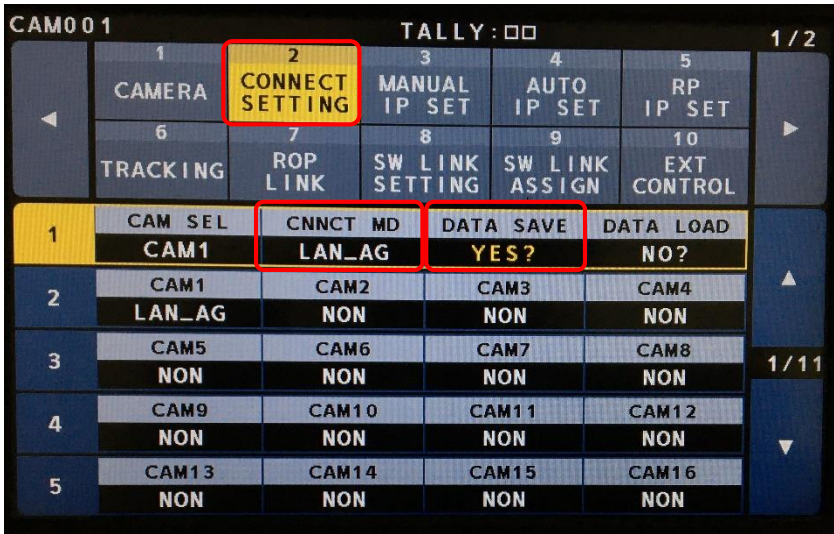
CX350 IP address on RP150 setting:

- 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



RP150 Setup Software

Setting Auto IP Cam Assign Preset Name **User Auth.**

C001

New User Name CX350

New Password *****

Retype New Password *****

LOAD SAVE

MENU>NETWORK>IP REMOTE>USER ACCOUNT

Account name CX350

1 2 3 4 5 6 7 8 9 0

- / : ; () \$ & @

@#

123 #+=

MENU>NETWORK>IP REMOTE>USER ACCOUNT

Password *****8

1 2 3 4 5 6 7 8 9 0

- / : ; () \$ & @

Save RP150 Setting Data

< > > > > This PC > SDHC Card (D:) > PRIVATE > MEIGROUP > PAVCN > SBG > SYSCAM > RP150 > DATA

Organize New folder

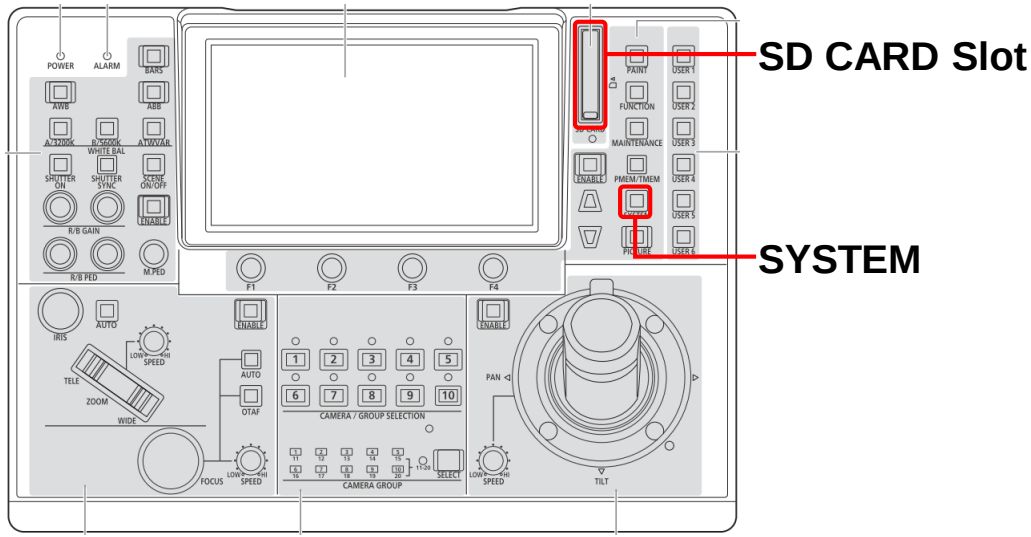
Name	Date modified	Type	Size
Network.s15	2098/12/31 23:00	S15 File	18 KB

File name: CX350

Save as type: RP150 Setting (*.s15)

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 11 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

2-4. RP150 Connection Setting #2



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

CAM001						TALLY: □□		1/2	
1	CAMERA	2	CONNECT SETTING	3	MANUAL IP SET	4	AUTO IP SET	5	RP IP SET
6	TRACKING	7	ROP LINK	8	SW LINK SETTING	9	SW LINK ASSIGN	10	EXT CONTROL
1	CAM SEL	CNNCT MD	DATA SAVE	DATA LOAD					
	CAM1	LAN_AG	NO?	YES?					
2	CAM1	CAM2	CAM3	CAM4					
	LAN_AG	NON	NON	NON					
3	CAM5	CAM6	CAM7	CAM8					
	NON	NON	NON	NON					
4	CAM9	CAM10	CAM11	CAM12					
	NON	NON	NON	NON					
5	CAM13	CAM14	CAM15	CAM16					
	NON	NON	NON	NON					

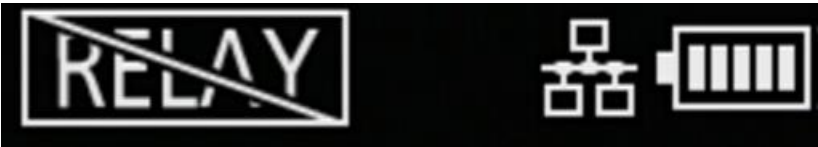
2. SYSTEM button > 2 CONNECT SETTING > Hit DATA LOAD: YES

CAM001 : Cam_ENG		TALLY: □□		REC: O 1/3	
CAM 1	IRIS : CLOSE	OPEN F2.8		[Cam_ENG]	
	ZOOM : WIDE	TELE		NO ALARM	
	FOCUS : NEAR	FAR			
GROUP1					
GAIN					
R	B				
0	0				
PED					
R	B	M. PED	SELECT	MODE	
0	0	0	ZOOM	ENABLE	
GAIN		SHTER SPEED	SCENE	COLOR TMP	
0dB		-	SCENE 1	3200K	

4. Now, RP150 can control CX350!
(Camera parameters shows up on RP150 & “R” mark shows up on CX350 LCD)

CAM001						TALLY: □□		1/2	
1	CAMERA	2	CONNECT SETTING	3	MANUAL IP SET	4	AUTO IP SET	5	RP IP SET
6	TRACKING	7	ROP LINK	8	SW LINK SETTING	9	SW LINK ASSIGN	10	EXT CONTROL
1	FILE NAME	DATE							
	Network	2099/01/01 00:00:00							
2	FILE NAME	DATE							
	CX350	2020/08/25 08:28:46							

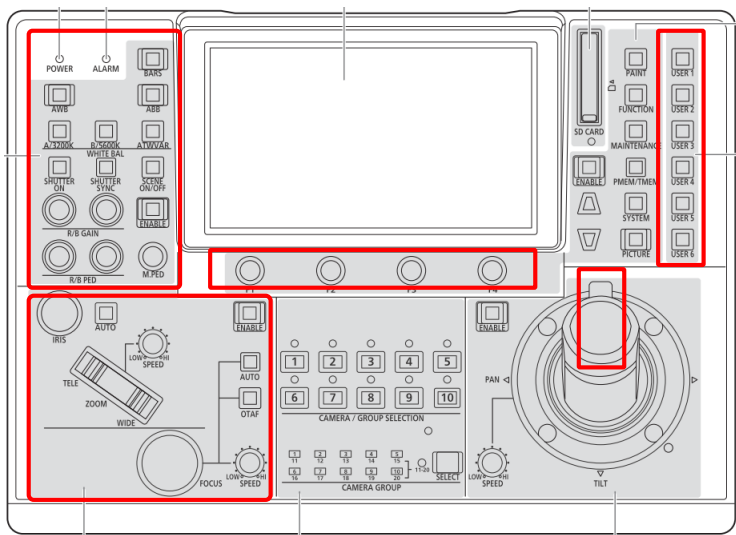
3. Select file you created (CX350), then hit it ⇒ Yes ⇒ OK



“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

