

AG-CX350 / AW-RP150 Connection Setup Guide

Wired



Wireless



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2. [Wireless Connection](#)
3. [Supported Functions](#)

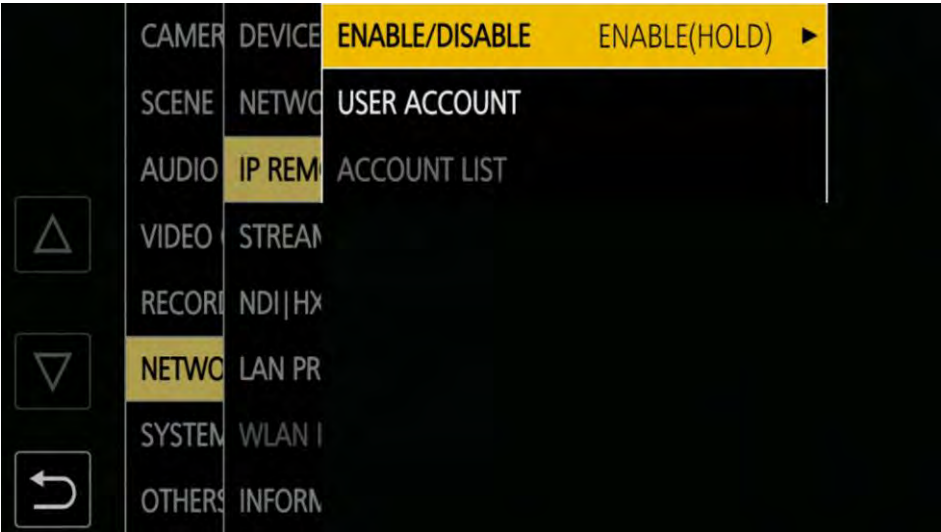
1. Wired Connection



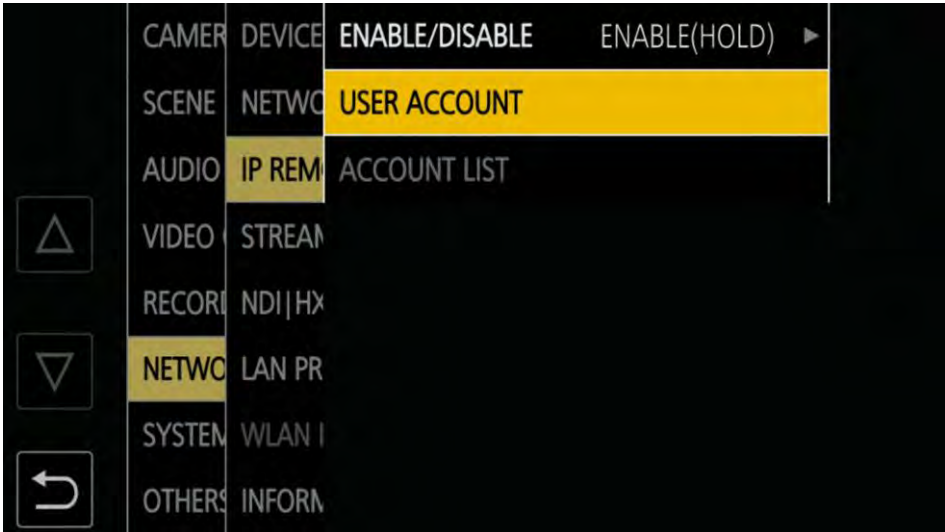
1-1. CX350 Connection Setting - Wired



1. MENU>NETWORK>DEVICE SEL>
LAN



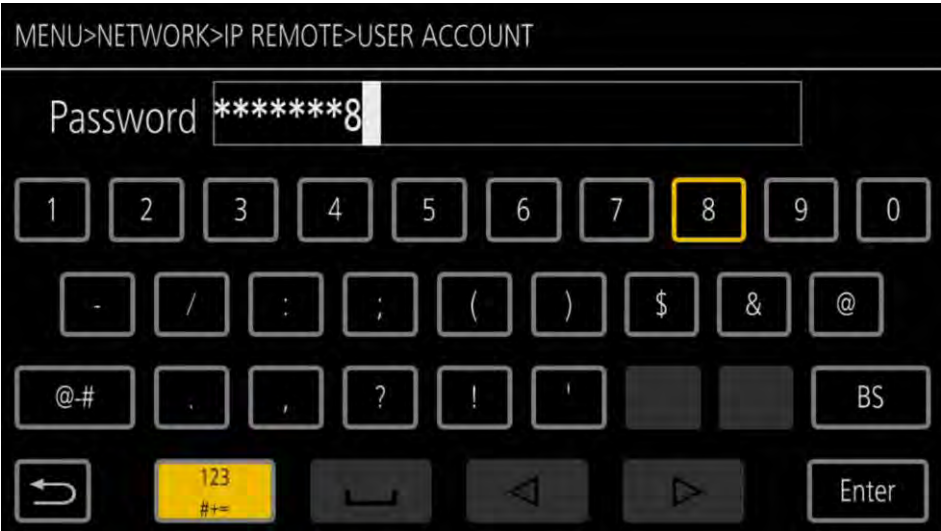
2. IP REMOTE>ENABLE/DISABLE>
ENABLE(HOLD)



3. USER ACCOUNT



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



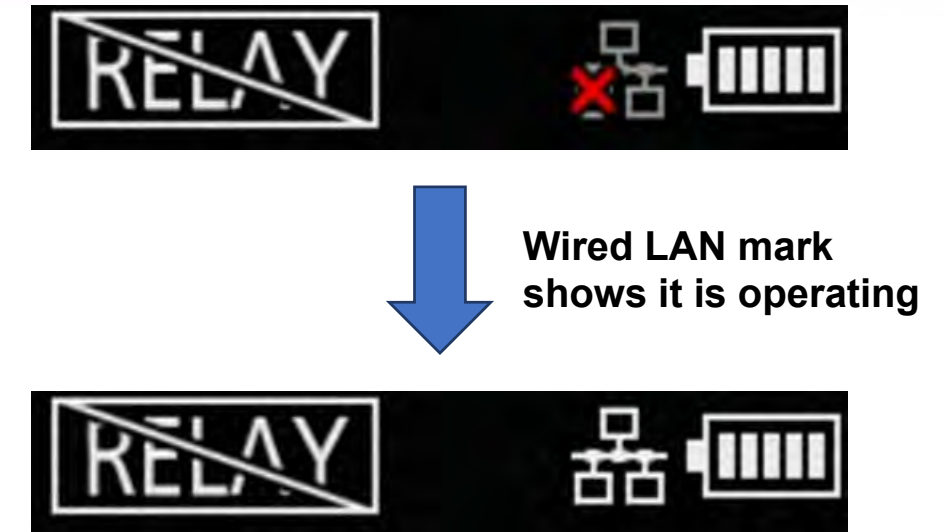
5. Set Password, e.g., 12345678

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.,

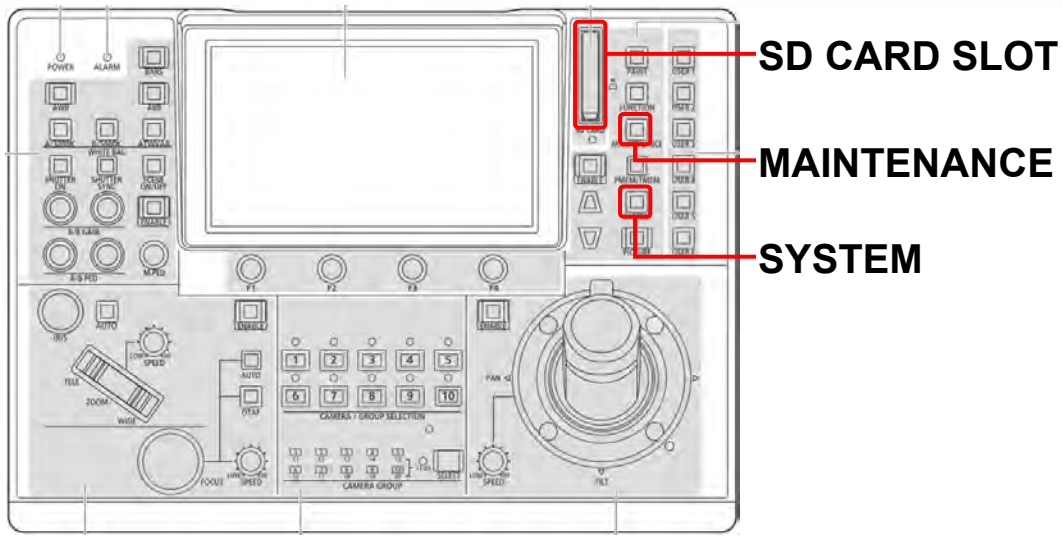
- **DHCP** : **OFF**
- **IP ADDRESS** : **192.168.1.35**
- **SUBNET MASK** : **255.255.255.0**
- **DEFAULT GATEWAY** : **192.168.1.1**



6. LAN PROPERTY>IPv4 SETTING>

Set parameters ⇒ Close MENU

1-2. RP150 Connection Setting #1



1. Insert SD card to SD CARD SLOT

CAM001 TALLY: □□ 1/2				
1	CAMERA	2	CONNECT SETTING	5 RP IP SET
6	TRACKING	7	ROP LINK	10 EXT CONTROL
1	IP	168	1	15
2	SUBNET	255	255	0
3	GATEWAY	192	168	1
4	NW SET	5LIMITS		
	STATIC	ENABLE		
5				UPLOAD (push)

2. SYSTEM button>5 RP IP SET>

Set parameters, then hit UP LOAD ⇒ OK ⇒ Reboot RP150

CAM001 TALLY: □□ 1/2				
1	CAMERA MENU OP	2	RP SETTING	3 FILES
6	GPI TALLY	7	GPI CAM SEL	8 GPO CAM. G
1	MODE			
	FORMAT			
2	SELECT			
3	FILE			
4	EXECUTE			
	YES?			

3. MAINTENANCE button>3 FILES
>FORMAT>Hit YES ⇒ YES ⇒ OK

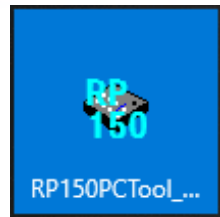
e.g.,

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

CAM001 TALLY: □□ 1/2				
1	CAMERA	2	CONNECT SETTING	5 RP IP SET
6	TRACKING	7	ROP LINK	10 EXT CONTROL
1	CAM SEL	CNNCT MD	DATA SAVE	DATA LOAD
	CAM1	LAN_AG	YES?	NO?
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

4. SYSTEM button>2 CONNECT
SETTING>Hit LAN_AG>Hit YES

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

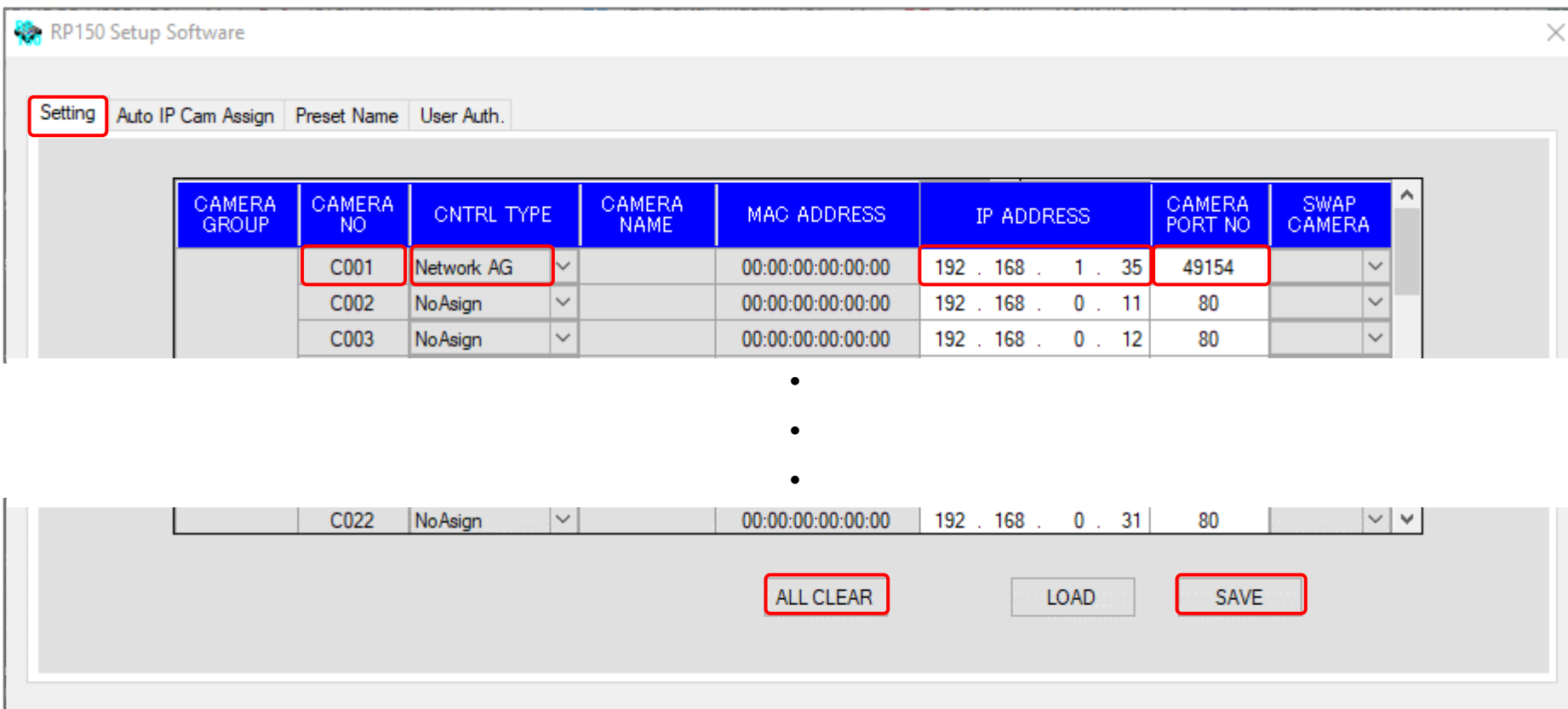
Name	Date modified	Type	Size
Network.s15	2098/12/31 23:00	S15 File	18 KB

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

1-3. RP150 Setup Software



RP150 Setup Software

Setting Auto IP Cam Assign Preset Name User Auth.

CAMERA GROUP	CAMERA NO	CNTRL TYPE	CAMERA NAME	MAC ADDRESS	IP ADDRESS	CAMERA PORT NO	SWAP CAMERA
	C001	Network AG		00:00:00:00:00:00	192 . 168 . 1 . 35	49154	
	C002	NoAssign		00:00:00:00:00:00	192 . 168 . 0 . 11	80	
	C003	NoAssign		00:00:00:00:00:00	192 . 168 . 0 . 12	80	

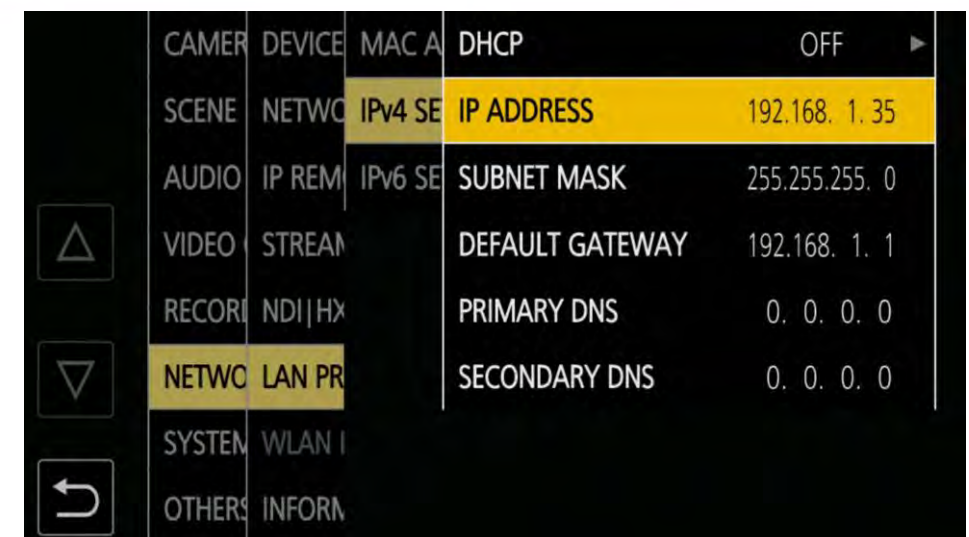
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	C022	NoAssign		00:00:00:00:00:00	192 . 168 . 0 . 31	80	
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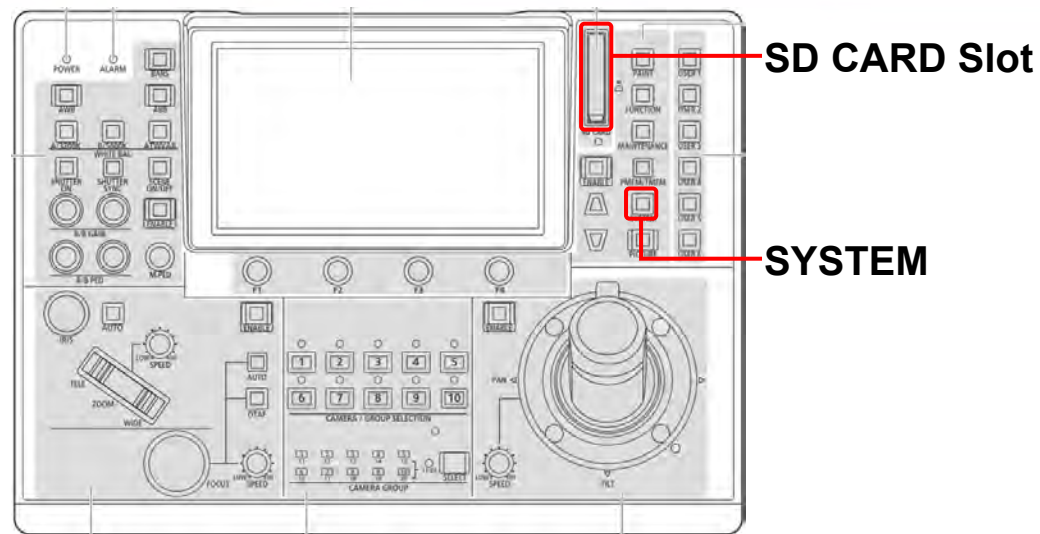
ALL CLEAR LOAD SAVE



CAMERA	DEVICE	MAC A	DHCP
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		

1. Select “Setting” tab, then hit “ALL CLEAR”
2. In “CAMERA NO” C001 column, set “CNTRL TYPE” as Network AG, “CAMERA PORT NO” as 49154, “IP ADDRESS” you set in Page 5 Step #6 (192.168.1.35)
3. Hit “SAVE” ⇒ Overwrite “CX350.s15” you created in the previous page
 - 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
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 YES

CAM001 : Cam_ENG TALLY: □□ REC: O 1/3			
CAM 1	IRIS : CLOSE	OPEN F2.8	[Cam_ENG]
	ZOOM : WIDE	TELE	
	FOCUS : NEAR	FAR	NO ALARM
GROUP1			
GAIN			
R	B		
0	0		
PED			
R	B	M. PED	
0	0	0	
SELECT	MODE		
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
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



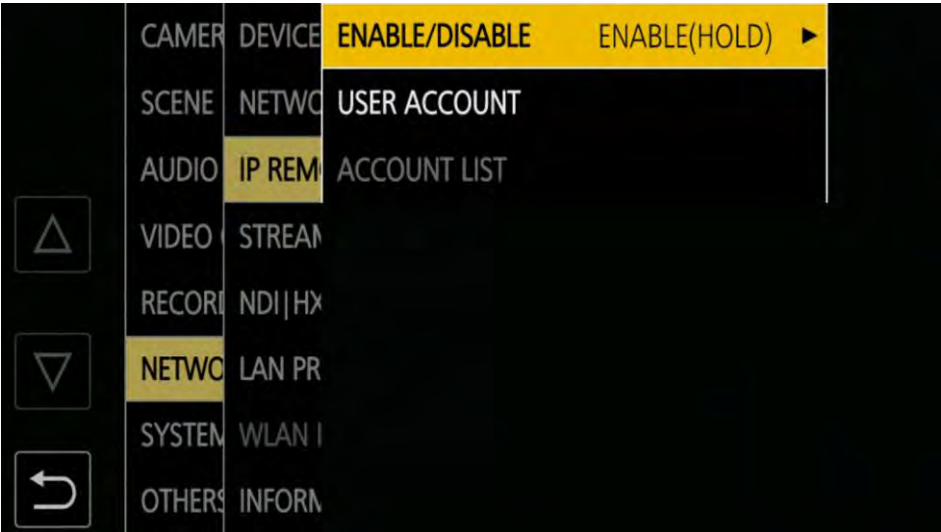
2. Wireless Connection



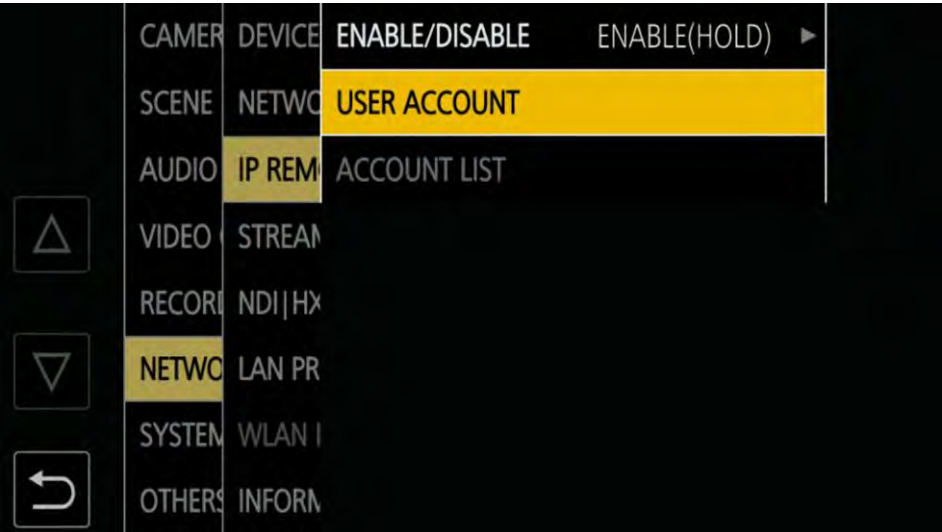
2-1. CX350 Connection Setting - Wireless



1. MENU>NETWORK>DEVICE SEL>
WLAN



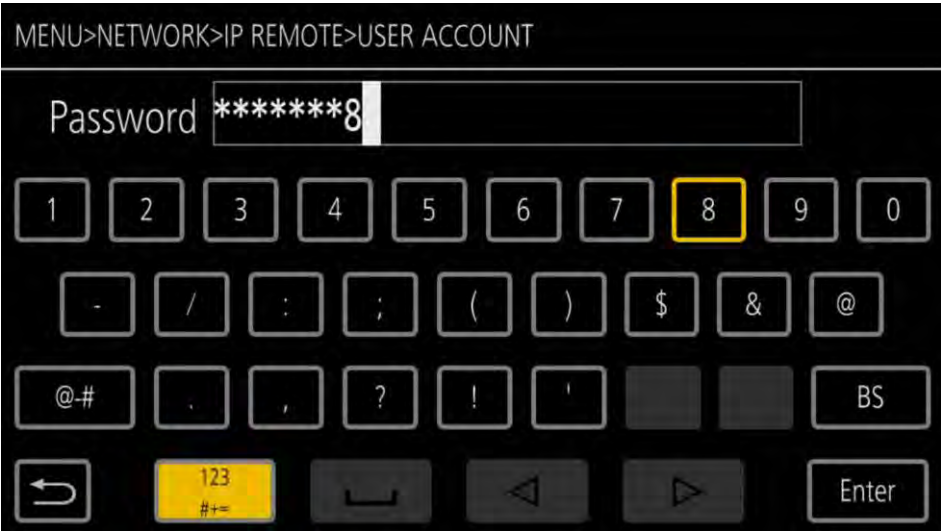
2. IP REMOTE>ENABLE/DISABLE>
ENABLE(HOLD)



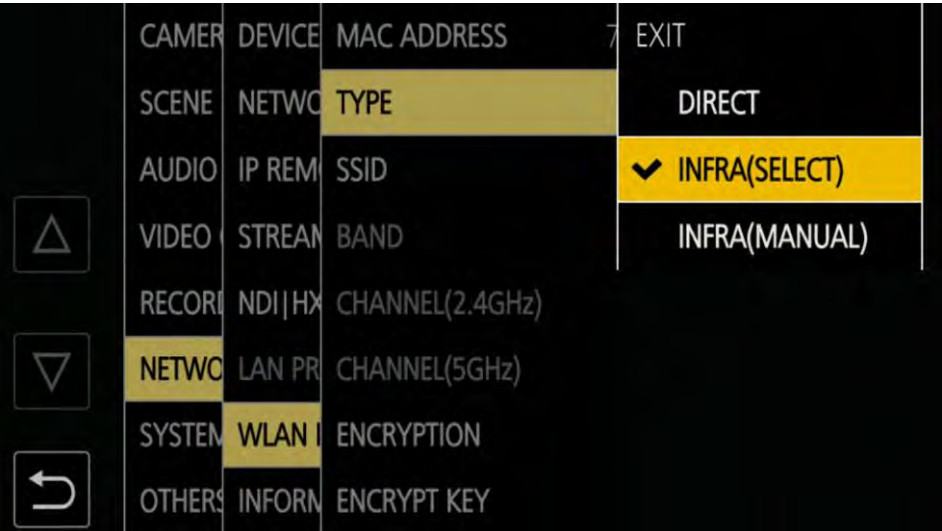
3. USER ACCOUNT



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

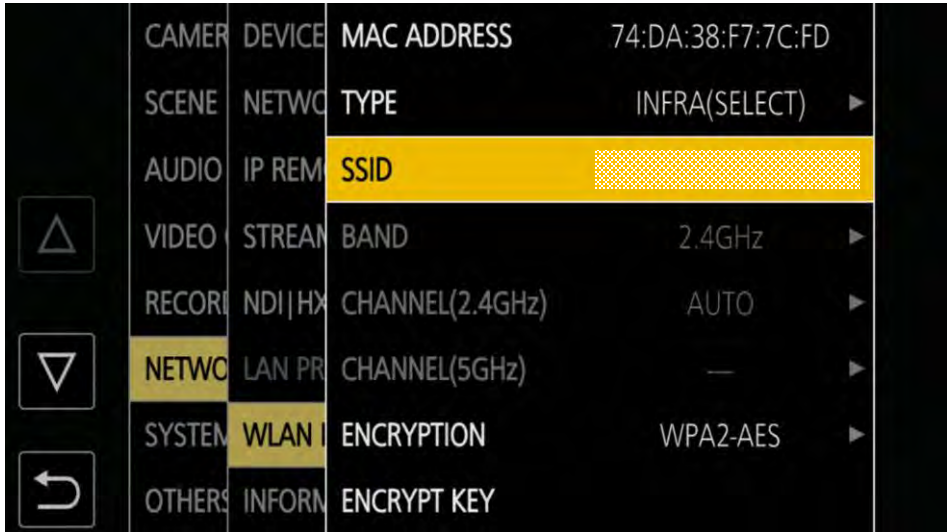


5. Set Password, e.g., 12345678

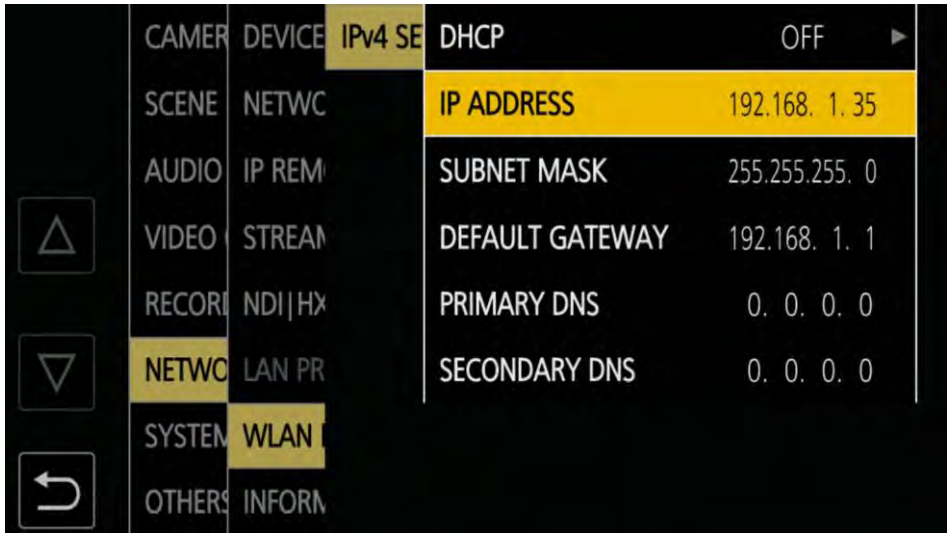


6. WLAN PROPERTY>TYPE>
INFRA(SELECT)

2-1. CX350 Connection Setting - Wireless

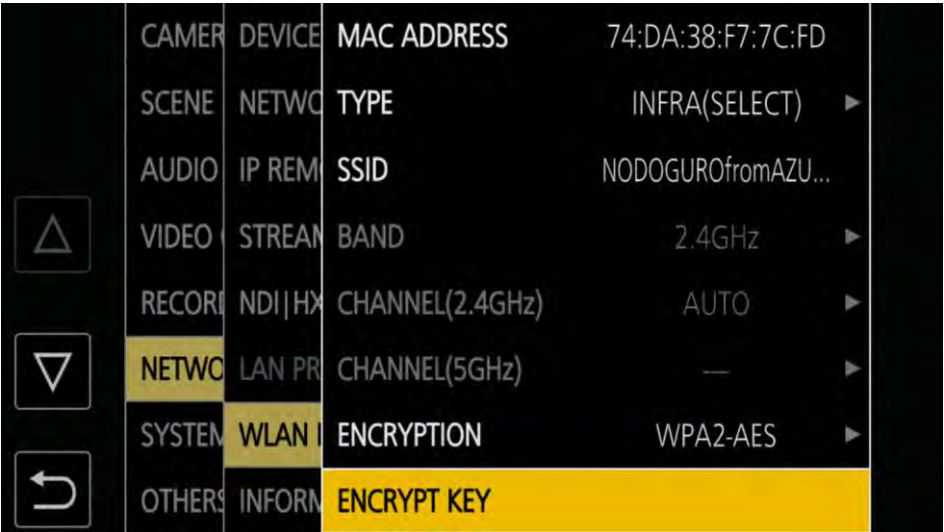


7. SSID>Select appropriate SSID



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

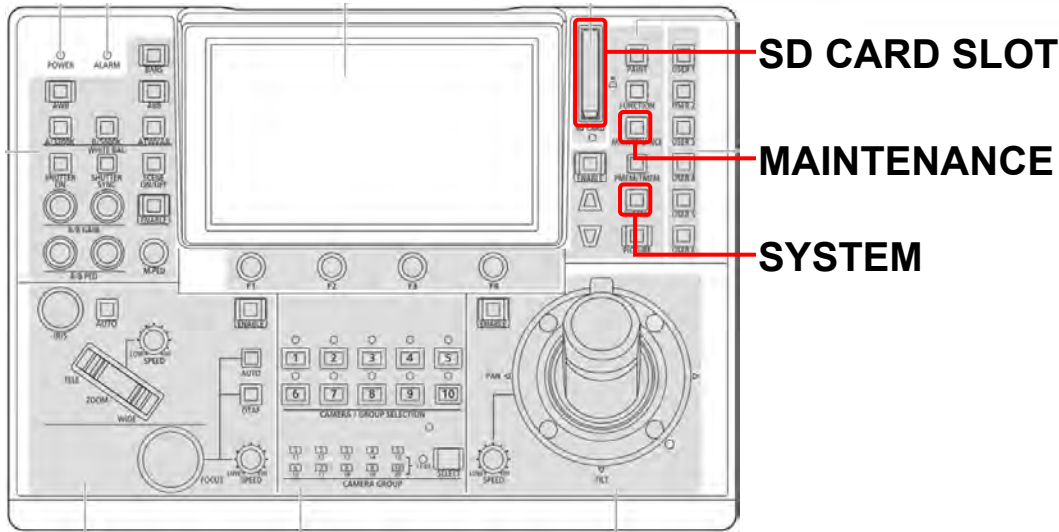


9. Enter the encrypt key of the network



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

2-2. RP150 Connection Setting #1



1. Insert SD card to SD CARD SLOT

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	IP						▲
	192		168		1		
2	SUBNET						
	255		255		255		
3	GATEWAY						▼
	192		168		1		
4	NW SET		5LIMITS				
	STATIC		ENABLE				
5					UPLOAD (push)		

2. SYSTEM button>5 RP IP SET>

Set parameters, then hit UP LOAD ⇒ OK ⇒ Reboot RP150

CAM001		TALLY: □□					1/2				
◀	1	CAMERA MENU OP	2	RP SETTING	3	FILES	4	RP INIT	5	RP VERSION	▶
	6	GPI TALLY	7	GPI O CAM SEL	8	GPO CAM. G	9	GPI PMEM	10	GPI PMEM. G	
1	MODE FORMAT										▲
2	SELECT										
	-										
3	FILE										1/1
	-										
4	EXECUTE YES?										▼

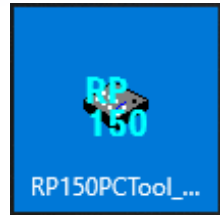
3. MAINTENANCE button>3 FILES
>FORMAT>Hit YES ⇒ Yes ⇒ OK

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 CAM1	CNNCT MD LAN_AG	DATA SAVE YES?	DATA LOAD NO?	▶ 1/11 ▼	
2	CAM1 LAN_AG	CAM2 NON	CAM3 NON	CAM4 NON		
3	CAM5 NON	CAM6 NON	CAM7 NON	CAM8 NON		
4	CAM9 NON	CAM10 NON	CAM11 NON	CAM12 NON		
5	CAM13 NON	CAM14 NON	CAM15 NON	CAM16 NON		

4. SYSTEM button>2 CONNECT
SETTING>Hit LAN_AG>Hit YES

- e.g.,
- IP ADDRESS : 192.168.1.15
 - SUBNET MASK : 255.255.255.0
 - DEFAULT GATEWAY : 192.168.1.1

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

2-3. RP150 Setup Software

RP150 Setup Software

Setting Auto IP Cam Assign Preset Name User Auth.

CAMERA GROUP	CAMERA NO	CNTRL TYPE	CAMERA NAME	MAC ADDRESS	IP ADDRESS	CAMERA PORT NO	SWAP CAMERA
	C001	Network AG		00:00:00:00:00:00	192 . 168 . 1 . 35	49154	
	C002	NoAssign		00:00:00:00:00:00	192 . 168 . 0 . 11	80	
	C003	NoAssign		00:00:00:00:00:00	192 . 168 . 0 . 12	80	

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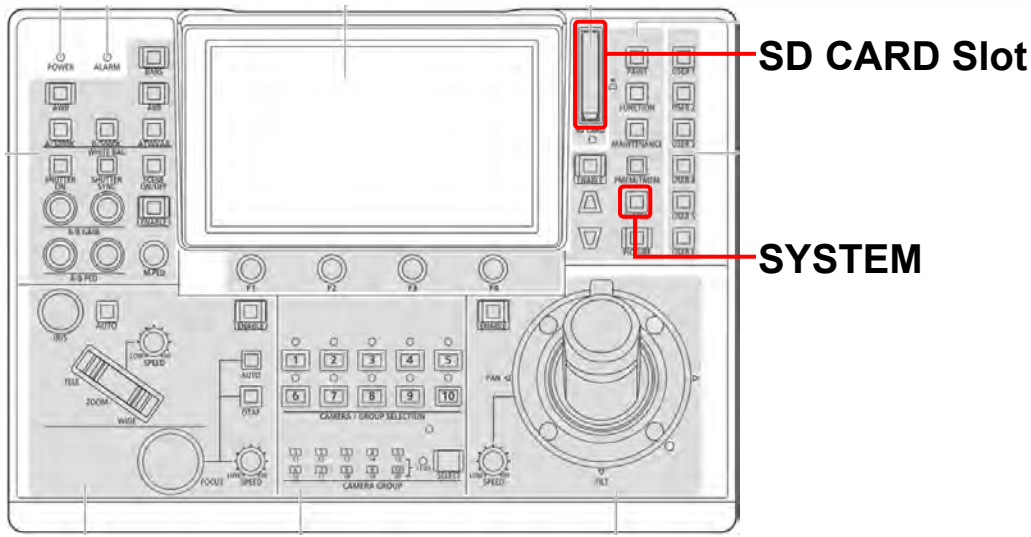
	C022	NoAssign		00:00:00:00:00:00	192 . 168 . 0 . 31	80	
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ALL CLEAR LOAD SAVE

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
RECOR	NDI HX		PRIMARY DNS	0. 0. 0. 0
NETWO	LAN PR		SECONDARY DNS	0. 0. 0. 0
SYSTEM	WLAN I			
OTHERS	INFORM			

1. Select “Setting” tab, then hit “ALL CLEAR”
2. In “CAMERA NO” C001 column, set “CNTRL TYPE” as Network AG, “CAMERA PORT NO” as 49154, “IP ADDRESS” you set in Page 12 Step #10 (192.168.1.35)
3. Hit “SAVE” ⇒ Overwrite “CX350.s15” you created in the previous page
 - 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	2	3	4	5	▶		
	CAMERA	CONNECT SETTING	MANUAL IP SET	AUTO IP SET	RP IP SET			
	6	7	8	9	10			
	TRACKING	ROP LINK	SW LINK SETTING	SW LINK ASSIGN	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			1/11	
4	CAM9	CAM10	CAM11	CAM12				
	NON	NON	NON	NON				
5	CAM13	CAM14	CAM15	CAM16				
	NON	NON	NON	NON				

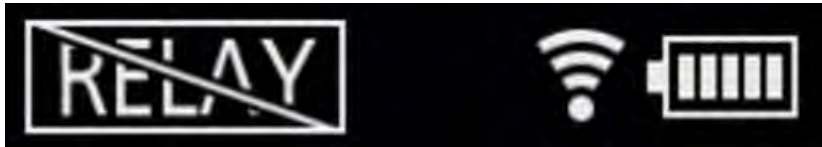
2. SYSTEM button>2 CONNECT SETTING>Hit YES

CAM001 : Cam_ENG		TALLY: □□		REC: O 1/3	
CAM 1	IRIS : CLOSE	OPEN F2.8		[Cam_ENG]	
	ZOOM : WIDE	TELE			
	FOCUS: NEAR	FAR		NO ALARM	
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	

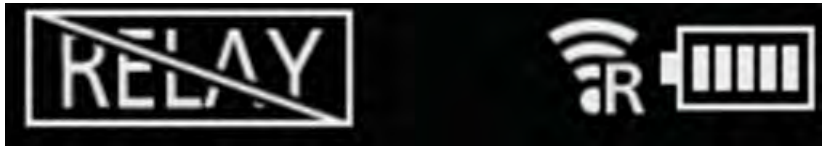
4. Now, RP150 can control CX350!
(Camera parameters shows up on RP150 & “R” mark shows up on CX350 LCD)

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		1/1 ▼
	CX350			2020/08/25 08:28:46		

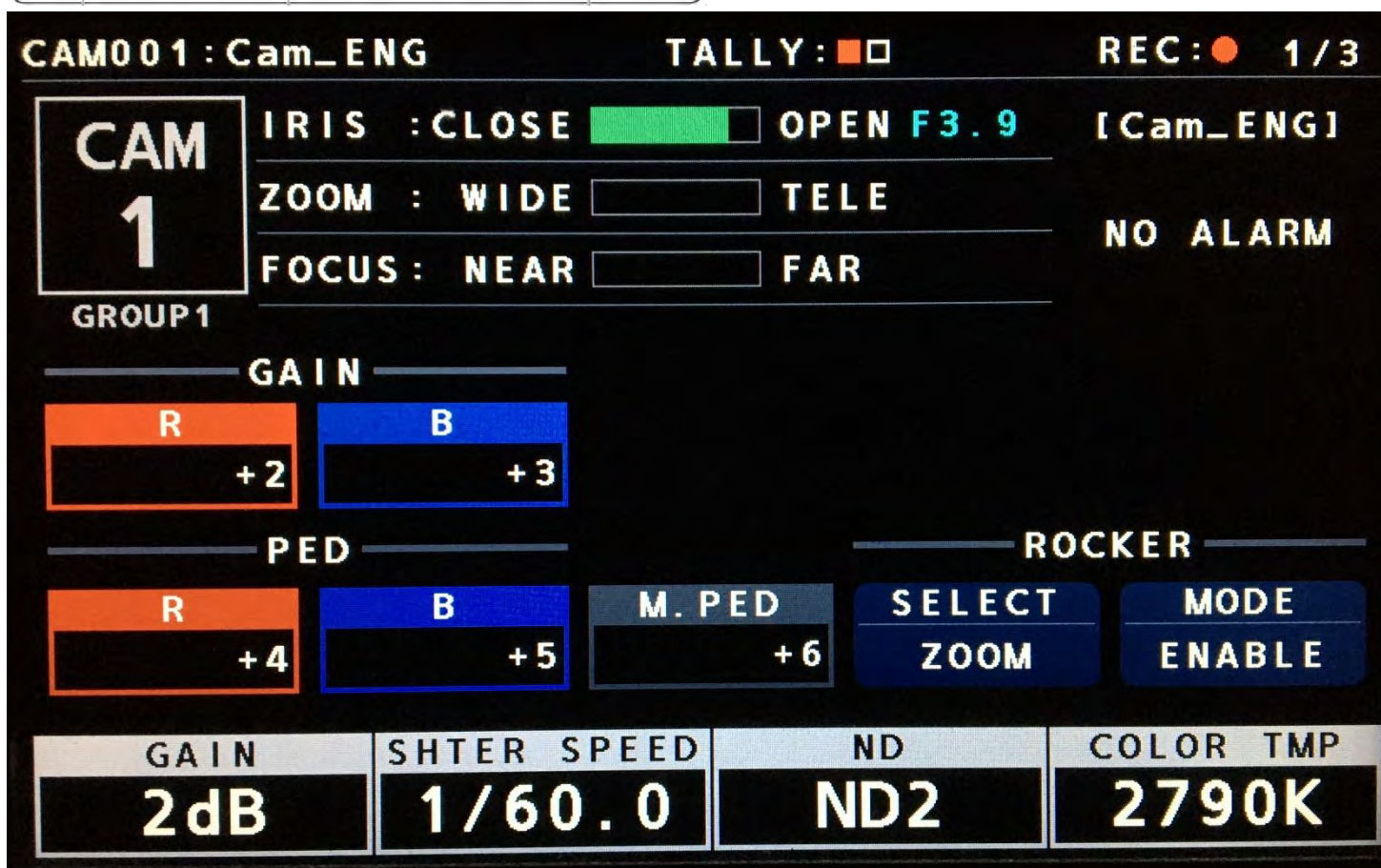
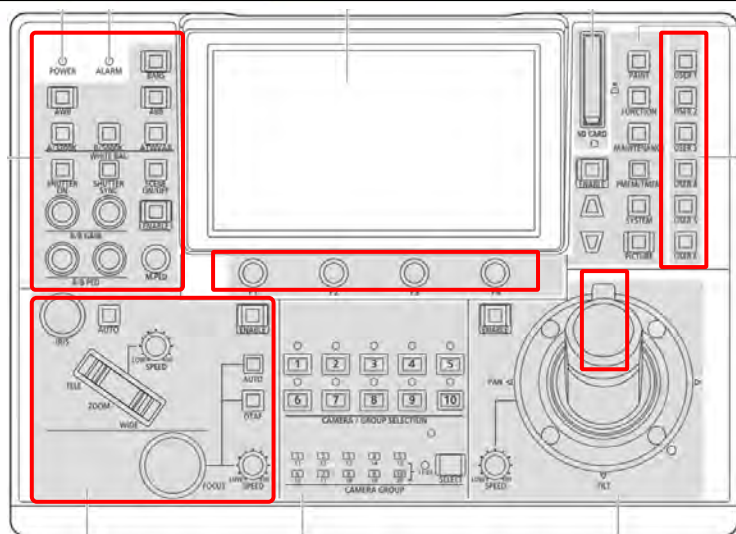
3. Select file you created (CX350), then hit it ⇒ Yes ⇒ OK



“R” is overlaid on Wi-Fi icon



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