AK-HRP1010 IP Connection Setup Guide



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- 5. Connection has been established!!
- 6. List of CONNECT MODE & PORT

1. Setup with Camcorder (AG-CX350)



Camcorder	CONNECT MODE	PORT
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, <u>CAM IP</u>, <u>PORT</u>, <u>CONNECT MODE</u>, and <u>CAMERA AUTH SETTING</u> are the required parameters.
- If the camera does not have <u>EASY IP SETTING</u> menu (e.g. VariCam LT, EVA1), <u>CAM IP</u>, <u>PORT</u>, and <u>CONNECT MODE</u> need to be set in the HRP1010 manually.

1-1. Camera Setup – Camcorder (AG-CX350)



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

	CAMER	DEVIC	ENABLE/DISABLE	ENABLE(HOLD)	٨
	SCENE	NETW	CX ROP PORT	49152	
	AUDIO	IP REN	REMOTE CONTROL PORT	49154	
\triangle	VIDEO	UPLO/	USER ACCOUNT		
	RECORI	STREA	ACCOUNT LIST		
\bigtriangledown	NETWO	NDI H			
	SYSTEN	LAN P			
f	OTHERS	WLAN			

USER ACCOUNT

4.

- CAMER DEVICE SEL EXIT SCENE NETWORK FUNC LAN AUDIO IP REMOTE WLAN \triangle VIDEO UPLOAD **USB TETHERING** RECORI STREAMING OFF NETWO NDI | HX ∇ SYSTEN LAN PROPERTY **OTHERS** WLAN PROPERTY
- 2. MENU > NETWORK > DEVICE SEL

> LAN

MENU>NETWORK>IP REMOTE>USER ACCOUNT
Account name CX350
1 2 3 4 5 6 7 8 9 0
- // : ; () \$ & @
@-# . , ? ! ' BS
123 #+= ↓ ► Enter

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



3. IP REMOTE > ENABLE/DISABLE

> ENABLE(HOLD)

MENU>NETWORK>IP REMOTE>USER ACCOUNT	
Password *****8	
1 2 3 4 5 6 7 8 9	
- // :; () \$ &	@
@# . , ? ! '	BS
	Enter

6. Set Password, e.g. 12345678.

1-1. Camera Setup – Camcorder (AG-CX350)

	CAMER	DEVICE	MAC A	DHCP	OFF ►	
	SCENE	NETWC	IPv4 SE	IP ADDRESS	192.168. 0.35	
	AUDIO	IP REM	IPv6 SE	SUBNET MASK	255.255.255.0	
$\left \Delta \right $	VIDEO	UPLOA		DEFAULT GATEWAY	192.168. 0.254	
	RECORI	STREAM		PRIMARY DNS	0. 0. 0. 0	
\bigtriangledown	NETWO	NDI HX		SECONDARY DNS	0. 0. 0. 0	
	SYSTEM	LAN PR				
ſ	OTHERS	WLAN I				

e.g.

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 DHCP
 : OFF

 IP ADDRESS
 : 192.168.0.35

 SUBNET MASK
 : 255.255.255.0

 DEFAULT GATEWAY
 : 192.168.0.254

	CAMER	INFORM	NETWORK INITIALIZE	EXIT
	SCENE	UTILITY	NET CHECKER	✓ DISABLE
	AUDIO		EASY IP SETTING	20 MIN.
\triangle	VIDEO		EASY IP CAMERA TITLE	UNLIMITED
	RECORI			
\bigtriangledown	NETWO			
	SYSTEN			
D	OTHER:			

8. UTILITY > EASY IP SETTING

> UNLIMITED \Rightarrow Close MENU.

If the camera does not have this menu, <u>CAM IP</u> <u>SEARCH</u> in the HRP1010 does not detect the camera. Manual setups for <u>CAM IP</u>, <u>PORT</u>, <u>CONNECT MODE</u> are required.

7. LAN PROPERTY > IPv4 SETTING

 \Rightarrow Set parameters.



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

1-2a. HRP1010 IP Address Setup





1. MENU > [4] SYSTEM

C00:not d	connected			E)
ROP IP SE	TTING		1/2	ŋ
NETWORK SETTING				
192	168	0	130	
PORT 35200			SAVE (Push)	•

3. Set the IP address for the HRP1010.

 \Rightarrow SAVE (Push) \Rightarrow OK \Rightarrow Reboot ROP.

C00:not connected		(F)
SYSTEM	1/2	đ
ROP IP SETTING >	CAM IP SEARCH >	
MANUAL IP SETTING >	CONNECT SETTING >	
CAMERA AUTH SETTING >	ROP AUTH SETTING	•

2. ROP IP SETTING

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. MENU > [4] SYSTEM



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

C00:not connected	ł	(F)
SYSTEM	1/2	đ
ROP IP SETTING >	CAM IP SEARCH >	
MANUAL IP SETTING >	CONNECT SETTING >	
CAMERA AUTH SETTING >	ROP AUTH SETTING	▼

2. CAM IP SEARCH



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



Set CAM No. (e.g. 1) and "YES?" for



6. SAVE and HIT turn to "NO?" and " - ".

- 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.

SAVE.

5.

C00:not connected		(F)
MENU	1/1	đ
[1] PAINT >	[2] FUNCTION	
[3] MAINTENANCE	[4] SYSTEM >	
		•

7. MENU > [4] SYSTEM

C00:not	connected			(F)
MANUAL II	P SETTING		1/1	đ
CAM No. SELECT				
CAM1				
CAM IP				
192	168	0	35	
PORT			SAVE	▼
49154			(Push)	

8. MANUAL IP SETTING:

The assigned CAM IP and PORT can be confirmed.

C00:not	connected			E)
CONNECT	SETTING		1/9	đ
CAM No. SELECT CAM1	CONNECT MODE 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. Camera Auth Setting (Authentication)





1. MENU > [4] SYSTEM



3. Set USER NAME & PASSWORD to be

the same as the camcorder's.

WINDER NAME & PASSWORD are case- sensitive.

C00:not connected		(F)
SYSTEM	1/2	đ
ROP IP SETTING >	CAM IP SEARCH >	
MANUAL IP SETTING >	CONNECT SETTING >	
CAMERA AUTH SETTING >	ROP AUTH SETTING	▼

2. CAMERA AUTH SETTING



- 4. Set "YES?" for SAVE. \Rightarrow Yes
- ⇒ The connection should be established!

2. Setup with PTZ Camera (AW-UE160)



PTZ Camera	CONNECT MODE	PORT
AW-UE160	LAN (AW7)	80
AW-UE150, HE145	LAN (AW4)	80
AW-UE100	LAN (AW5)	80
AW-UE80, UE50, UE40	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, <u>CAMERA</u>
 <u>AUTH SETTING</u> is NOT required. <u>CAM IP, PORT</u>, and
 <u>CONNECT MODE</u> are the required parameters, and all of them are assigned automatically with <u>CAM IP SEARCH</u> function in the HRP1010.

2-1. Camera Setup – PTZ Camera (AW-UE160)



1. Locate the UE160 and a PC in the same

network as the HRP1010.



2. Open the camera Web-GUI and select "Setup".

Detection Detection Detection Setting status Network Con Off System International System International System International System Bygein International System International System International System Widescore IP International System International System International System Notand International System Intern					
And tribol Henerick UNI Setting status Setting status Setting status Setting status Setting status PArt Antenork Base Condig USB D102* Data Time D105 D102* Status Status Part Antenork Direction Status D102* Status Status D102* Status Status D102* Status Status D102* Direction D102* D102* Namould On On* On* Mode over B* Audio D102* D102* Audio D102* D102** D102** Namould On On* On* Video over B* Audio D102** D102** Audio D10** D100** D10** <th></th> <th>Power ON 💌 Sync Live</th> <th></th> <th>Live Setup</th> <th></th>		Power ON 💌 Sync Live		Live Setup	
Setting status gradem LN Basic Cordig Pauri TR UBB Dobatis Time UBB Dobatis Time Dispoid Dobatis Time Dispoid Domain Common PP Signal Mondo Video cores IP Audio Pauri Unagodi Audio Video cores IP Audio Pauri Trackog Dato Dougdi Linago Trackog Dato Dougdi Dim auh Monto Dim auh Network Oci Dim auh Dim auh Network Origin Dim auh Network Origin Dim auh Network Dim auh Network Dim auh Network Network Network Network Ne	Setup Menu	Network	LAN		
Setting status Setting status System Intervention Base Config Status Partial Status Data Kime Disk Status Dotak Kime Disk Status Data Kime Disk Status Dotak Kime Disk Status Data Kime Disk Status Data Kime Disk Status Data Kime Disk Status Disk Kime On Distating Status On<					
Italian Confug Italian Confug Italian Confug Italian Confug Paur Tife USB Italian Confug Italian Confug Dubak Time DNS Default galeway Itig2 160 254 d Common Itig2 160 254 d Default galeway Itig2 160 254 d Signah Common Off Itig2 160 254 d Output Return P address(Pv4) Itig2 160 254 d Paur Time Default galeway Itig2 160 254 d Noted over IP Audio On Off Audio On Off Merce Intrage/Audio UR0 returnk ItiOPad Merce Notes over IP Audio On Off Audio On Off Merce ItiOPad Intrage/Audio ItiOPad On Off Merce Intrage ItiOPad On Off ItiOPad Audio On Off ItiOPad ItiOPad ItiOPad Intrage ItioPad ItiOPad On Off ItiOPad ItiOPad Intrage ItiOPa	Patting status	Setting status	IPv4 network		
Bytem Evaluation Biter Condig SVP Biter Time State Time Data Time State Time Data Time Distation Bigank Distation Chipped Default Tableway Bigank One Manage State Off Wide over B ² Default Tableway Distation Off Wide over B ² Off Mode State Off Data Time Off Wide over B ² Off Mode State Off Data Tableway Off <t< td=""><td>acting status</td><td></td><td> DHCP</td><td>On Off</td><td></td></t<>	acting status		DHCP	On Off	
Bate Condy SP+ Date Stree Sspats Dotain Defail patrent Dotain Defail patrent Dotain Defail patrent Digit Common Stadeet mask 250 255 265 0 Defail patrent Defail patrent Defail patrent On P Signal On Image Musico On Video over IP Defail patrent Audio Defail patrent Patet Defail patrent Ubor aufin Defail patrent Uber aufin Defail patrent Video over IP Defail patrent Audio Defail patrent Defail patrent Defail patrent Mondo ver IP Defail patrent Audio Defail patrent Defail patrent Defail patrent Mondo ver IP Defail patrent Audio Defail patrent Defail patrent Defail patrent Uber option Defail patrent Uber option Defail patrent Uber option Defail patrent Network Defail patrent Network Defail patrent	System	LAN	IP address(IPv4)	192.168.0.160	
Parifit US8 Domain PDS - Dolad galeway PDS - Dolad galeway Siguah Common PD - dolad galeway PD - dolad galeway PD - dolad galeway Parifit PB - dolad galeway Domain Off Web new IP Dolad galeway Dolad galeway Dolad galeway Web new IP Dolad galeway Dolad galeway Dolad galeway Audio Parifit Dolad galeway Dolad galeway Use new IP Dolad galeway Dolad galeway Dolad galeway Audio Parifit Dolad galeway Dolad galeway Use new IP Notice Dolad galeway Dolad galeway Dolad galeway Dolad galeway Dolad galeway Dolad galeway Dolad galeway Dolad galeway Dolad galeway Dolad galeway Use non Core Off More More Use non Dolad galeway Dolad galeway Dolad galeway Dolad galeway Use non Dorad Or Off Dolad galeway Dolad galeway Use non Dorad Dorad Dolad galeway Dolad galeway <td>Basic Config</td> <td>SFP+</td> <td>Ordered much</td> <td>Care are are a</td> <td></td>	Basic Config	SFP+	Ordered much	Care are are a	
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Live gog Domain Signadi Common Sugnadi Common Feltam P Harmadi On Return P Judio P Manadi On Magaditadio Video over IP Audio On Audio On Paint Monto Diplaty Lina Tracking Data Output Tracking Data Output Uber andi. Horaradi Horaradi	Date&Time	DNS	Default gateway	192.168.0.254	
Signals Lowen Dutput Petrum Preturn Productive In Signals In Advanced Video over IP Default galeway Modu over IP Default galeway Usdoo Cr Off Modu over IP Default galeway Long Cr Off Modu over IP Default galeway Long Cr Off Usdoo Cr <t< td=""><td>Live page</td><td>Domain</td><td></td><td>-</td><td></td></t<>	Live page	Domain		-	
Output Predmost Return Predmost Image/Rudoi Image/Rudoi Mode over IP Image/Rudoi Audio Cn Pault Image/Rudoi Mode over IP Image/Rudoi Audio Cn Pault Image/Rudoi Mode over IP Image/Rudoi Audio Cn Pault Image/Rudoi Mode Jose IP Image/Rudoi Audio Cn Pault Image/Rudoi Mode Jose IP Image/Rudoi Mode Jose IP Image/Rudoi Audio Cn Image/Rudoi Cn Image/Rudoi Cn Image/Rudoi Image/Rudoi Mode Jose IP Image/Rudoi Mode Jose IP Image/Rudoi Image/Rudoi Cn	Signals	Common	IPv6 network		
Rishm PP depaid IP Boyn IP default IP Boyn IP default IP Boyn IP default Webs over IP Interver IP Media vere IP Interver IP Media Interver IP Media Interver IP Interver IP Interver IP Interver Interver	Outruit	7	Manual	On 💿 Off	
IP Signal ImageNukoio Vidio over IP Audio Paint Mode over IP Audio Paint Mode Opelay Lens UHO Corp Preset position Linkage Trackeg Data Ouput Color Control Uber aufi. Holmore Holm out Holm out Holm out Holmore Holm out Network Network	Return	-1			
Image/Mudeo Video over IP Audo Panel Mole over IP Audo Internet	IP Signal		IP address(IPv6)		
Video over IP Audo Audo 0 Panel 000 Moriz 000 UBO Crop 000 Preset position Use Uringe 100 Tracking Data Outor 100 GSP Outoral 100 Uber andh 100 Network 100 Network 100	Image/Audio	_	Default gateway		
Media over 8P Audio Paint Menic 000 (100-10) Paint Um 0 Preset position Lunkage Tracking Alo Opput Cash Colud CSP Colud User and Hole over Hole over Preset position Lunkage Tracking Alo Opput Network Network Network	Video over IP		DHCPv6	🔵 On 🛛 💿 Off	
Audo 100 (100-10) Pant Monic Digitary Isot Monic Digitary Isot Isot UHD Orap Procet position Isot Tracking Data Output Isot Isot Cight Output Isot Isot Ubor andn Isot Isot Hour andn Isot Isot Hearon Isot Isot Marce d Isot Isot	Media over IP	-	1.00		
Paul Monito Deplay Lens UHD Cop Preset position UhD Cop Preset position Utriage Tracking Data Output Tracking Data Output Cash Control Uber ring Uter anth Helmork Network	Audio		Metric	100 (100~110)	
Mondo Doplady Lens UHO Corp Procet position Linhage Tracking Data Output CSP Control UHO man, Utor auth Totat auth Theta	Paint	_			
Lons UHD Crop Prest position Unitage Kierro Chad GSP Control Uher mg Uher min Hota sinh Neterok Neterok	Monitor Display	-		Set	
Unit of a longe Tracking plata Output Karron Cloud CSP Control Une mg Une rash Host auto Hot auto Hot auto Hot auto Hot auto	Lens	-			
Indiage Tracking Data Output Gen Column Gen Column User mg User and Hold an	Droset position	-			
Linkage Trackag Data Output Trackag Data Output CSP Control User mg User suh Televak Network Network Network	Presex position	-1			
Tracking Data Output Kanno Chad CGP Control Uber agn. Uber anh Thota anh Netarok Netarok	Linkage			•	
Kaino Cloud CSP Conto User anh Hota ahh Neterok Neterok	Tracking Data Output				
CSP Costod User mg User sub: Hot auh Hot auh Hotor A Network Network	Kairos Cloud				
User aunit.	CSP Control				
Uher auh. Hota auh. Neterok Neterok	User mng.				
Host auch.	User auth.				
Network Advanced Advanced	Host auth.	<u> </u>			
Network Advanced	Network				
Advanced	Network				
	Advanced				

3. "Network" > "LAN" ⇒ Set parameters.
 ⇒ "Set"

 	Pv4 network DHCP	On	off
	IP address(IPv4)	192.168.0.160	
	Subnet mask	255.255.255.0	
	Default gateway	192.168.0.254	
- 1			

e.g.

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IPv4 network

- DHCP
 : Off

 IP address(IPv4)
 : 192.168.0.160

 Subnet mask
 : 255.255.255.0
- Default gateway
- : 192.168.0.254

2-2a. HRP1010 IP Address Setup





1. MENU > [4] SYSTEM

C00:not d	connected			E)
ROP IP SE	TTING		1/2	ŋ
NETWORK SETTING				
192	168	0	130	
PORT 35200			SAVE (Push)	•

3. Set the IP address for the HRP1010.

 \Rightarrow SAVE (Push) \Rightarrow OK \Rightarrow Reboot ROP.

C00:not connected		(F)
SYSTEM	1/2	đ
ROP IP SETTING >	CAM IP SEARCH >	
MANUAL IP SETTING >	CONNECT SETTING >	
CAMERA AUTH SETTING >	ROP AUTH SETTING	•

2. ROP IP SETTING

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. MENU > [4] SYSTEM



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

C00:not connected	ł	(F)
SYSTEM	1/2	đ
ROP IP SETTING >	CAM IP SEARCH >	
MANUAL IP SETTING >	CONNECT SETTING >	
CAMERA AUTH SETTING >	ROP AUTH SETTING	V

2. CAM IP SEARCH



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



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



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

- ※ 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		(F)
MENU	1/1	đ
[1] PAINT >	[2] FUNCTION	
[3] MAINTENANCE	[4] SYSTEM >	
		•

7. MENU > [4] SYSTEM

C01:AW-U	E160			(F)
MANUAL I	SETTING		1/1	đ
CAM No. SELECT CAM1				
CAM IP	460		460	
192	168	0	160	
PORT 80			SAVE (Push)	

8. MANUAL IP SETTING:

The assigned CAM IP and PORT can be confirmed.

CO1:AW-U	E160			Ē)
CONNECT	SETTING		1/9	đ
CAM No. SELECT CAM1	CONNECT MODE LAN(AW7)			
CAM1 LAN(AW7)	CAM2 NON	CAM3 NON	CAM4 NON	
CAM5	CAM6	CAM7	CAM8	•

9. CONNECT SETTING:

The assigned CONNECT MODE can be confirmed.

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



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

3-1. Camera Setup – Studio Camera w/o CCU (AK-PLV100)



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

✓ Ø AKRV100 × +			
← → C ▲ Not weare 192.168.0.30/admin/index.html			
AK-PLV100			
Setup Menu	ROP account setting	Add user	
Product info.	User list	User name	PLV100
Network BOP account setting	- MARKEN CAR	Password	
User mng.		Retype password	······•
			Set

- 3. "ROP account setting" > "Add user"
 - ⇒ Set "User name" & "Password".

```
⇒ "Set"
```



- 2. Open the Web-GUI (Default IP 192.168.0.30)
 - ⇒ Execute Administrator registration.
- e.g.
- User name : PLV100
- Password : 12345678
- Retype password : 12345678



- 4. "User list"
 - ⇒ Confirm User name & Password have been assigned.

3-1. Camera Setup – Studio Camera w/o CCU (AK-PLV100)

• • • • • • • • • • • • • • • • • • •	+			Network setup				
← → C ▲ Not secure 192.168.0.	9.30/admin/index.html					e.	0_	
AK-PLV100				 IP address	192,168,0,100	01	9.	
Setup Menu	Network	Network setup					ID addraca	. 102 169 0 100
Product info.	Network setup	IP address	192.168.0.100			•	IF address	. 192.100.0.100
System mode	Tally in setting			 ROP port	49152			
ROP account setting	NTP	KOP port	49152			•	Subnet mask	: 255.255.255.0
User mng.	Common	Subnet mask	255 255 255 0					
•				 Subnet mask	255.255.255.0	•	Default gateway	· 102 168 0 25/
		Default gateway	192.168.0.254				Delault galeway	. 192.100.0.294
		Mac address	4c364eb8360e					
				 Default gateway	192.168.0.254			
			Set					
						×	No need to change ROP po	ort (49152)
				 Mac address	4c:36:4e:b8:36:0e		ne need te enange ner pe	

- 5. "Network" > "Network setup"
 - \Rightarrow Set parameters.

⇒ "Set"

3-2a. HRP1010 IP Address Setup





1. MENU > [4] SYSTEM

C00:not d	connected			E)
ROP IP SI	ETTING		1/2	đ
NETWORK SETTING STATIC				
IP 192	168	0	130	
PORT 35200			SAVE (Push)	•

3. Set the IP address for the HRP1010.

 \Rightarrow SAVE (Push) \Rightarrow OK \Rightarrow Reboot ROP.

(ئى C00:not connected 5 SYSTEM 1/2 ROP IP SETTING CAM IP SEARCH > MANUAL IP SETTING CONNECT SETTING > > V ROP AUTH SETTING CAMERA AUTH SETTING >

2. ROP IP SETTING

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. MENU > [4] SYSTEM



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



2. CAM IP SEARCH



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





6. SAVE and HIT turn to "NO?" and " - ".

CAM #1 in the HRP1010.

% In this example, the PLV100 has been assigned as

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



7. MENU > [4] SYSTEM

C00:not connected					
MANUAL I	P SETTING		1/1	¢	
CAM No. SELECT CAM1					
CAM IP					
192	168	0	100		
PORT			SAVE	▼	

8. MANUAL IP SETTING:

If the assigned port is not appropriate, please change it. \Rightarrow SAVE (Push) \Rightarrow OK



9. Confirm both CAM IP and PORT are

appropriate.



10. CONNECT SETTING:

The assigned CONNECT MODE can be confirmed.

3-2c. Camera Auth Setting (Authentication)





1. MENU > [4] SYSTEM



3. Set USER NAME & PASSWORD to be

the same as the studio camera's.

WINER NAME & PASSWORD are case- sensitive.

C00:not connected		(F)
SYSTEM	1/2	đ
ROP IP SETTING >	CAM IP SEARCH >	
MANUAL IP SETTING >	CONNECT SETTING >	
CAMERA AUTH SETTING >	ROP AUTH SETTING	•

2. CAMERA AUTH SETTING



- 4. Set "YES?" for SAVE. \Rightarrow Yes
- ⇒ The connection should be established!

4. 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), <u>CAM IP</u>, <u>PORT</u>, and <u>CONNECT MODE</u> are always the required parameters. As for <u>CAMERA AUTH SETTING</u>, the requirement varies depending on the models. In the chart on the top, the <u>UCU700/UCU710</u>, and <u>HCU250</u> require <u>CAMERA</u> <u>AUTH SETTING</u>. Other models do not require it with the default settings.

 <u>CAM IP SEARCH</u> function in the HRP1010 does assign appropriate <u>CAM IP</u>, <u>PORT</u>, and <u>CONNECT MODE</u> except for the HUC250. For the HUC250, the function assigns 80 instead of 49152 for <u>PORT</u>. This needs to be corrected manually.

4-1. Camera Setup – Studio Camera w/ CCU (AK-UCU710)



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



- "ROP ACCOUNT SETTING" > "ADD USER" 3.
 - ⇒ Set "USER NAME" & "PASSWORD".

⇒ "SET"

- Password can be set from 4 to 32 characters. (8 or more characters recommended For the password, it is recommend to use three or more types of characters from the following
- Open the CCU's Web-GUI (Default IP 192.168.0.20) 2.
 - \Rightarrow Execute Administrator registration.
- e.g.
- **USER NAME** : UCU700 ٠
- PASSWORD : 12345678 .
- **RETYPE PASSWORD** : 12345678 .



- 4. "USER LIST"
 - ⇒ Confirm USER NAME & PASSWORD

have been assigned.

4-1. Camera Setup – Studio Camera w/ CCU (AK-UCU710)

AK-UCU700				LAN	
SETUP MENU	NETWORK	LAN			
PRODUCT INFO.	LAN	DHCP	ON OFF	DHCP	ON
SYSTEM MODE NETWORK ROP ACCOUNT SETTING	TALLY IN SETTING PTP SETTING(OP) ST2110 SETTING	IP ADDRESS	192.168.0.70		
USER MING.	SEP1(PRIMARY) SEP1(PRIMARY) TX	SUBNET MASK	255 255 255 0	IP ADDRESS	192.168.0.70
	SFP1(PRIMARY) RX SFP2(SECONDARY)	DEFAULT GATEWAY	192.168.0.254		
	SFP2(SECONDARY) TX SFP2(SECONDARY) FX	MAC ADDRESS	4c36:4e:b8.8d:41	SUBNET MASK	255.255.255.0
	NMOS SETTING (OP) HTTPS	DNS	auto 🦲 manual		
	COMMON	PRIMARY SERVER ADDRESS	0.0.0.0	DEFAULT GATEWAY	192.168.0.254
		SECONDARY SERVER ADDRESS	0000		
		DOMAIN		MAC ADDRESS	4c:36:4e:b8:8d:41
			SET		

OFF	e.ę	g.
	•	DHCP
8.0.70	•	IP ADDRESS
5.255.0	•	SUBNET MAS
8.0.254	•	DEFAULT GA

- : OFF
- : 192.168.0.70
- SK : 255.255.255.0
- TEWAY : 192.168.0.254

- "NETWORK" > "LAN" 5.
 - \Rightarrow Set parameters.
 - ⇒ "SET"

4-2a. HRP1010 IP Address Setup





1. MENU > [4] SYSTEM

C00:not d	connected			(F)
ROP IP SI	TTING		1/2	đ
NETWORK SETTING				
STATIC				
IP				
192	168	0	130	
PORT			SAVE	▼
35200			(Push)	

3. Set the IP address for the HRP1010.

 \Rightarrow SAVE (Push) \Rightarrow OK \Rightarrow Reboot ROP.

(ئى C00:not connected 1/2 5 SYSTEM ROP IP SETTING CAM IP SEARCH > MANUAL IP SETTING CONNECT SETTING > > V CAMERA AUTH ROP AUTH SETTING SETTING >

2. ROP IP SETTING

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. MENU > [4] SYSTEM



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



2. CAM IP SEARCH



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





6. SAVE and HIT turn to "NO?" and " - ".

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

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



7. MENU > [4] SYSTEM

C00:not connected				
MANUAL IF	SETTING		1/1	¢
CAM No. SELECT CAM1				
CAM IP	168	0	70	
PORT 49152			SAVE (Push)	•

8. MANUAL IP SETTING:

The assigned CAM IP and PORT can be confirmed.

C00:not	connected			ŝ.
CONNECT	SETTING		1/9	J
CAM No. SELECT CAM1	CONNECT MODE 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. Camera Auth Setting (Authentication)





1. MENU > [4] SYSTEM



3. Set USER NAME & PASSWORD to be

the same as the CCU's.

WINER NAME & PASSWORD are case- sensitive.

C00:not connected		(F)
SYSTEM	1/2	đ
ROP IP SETTING >	CAM IP SEARCH >	
MANUAL IP SETTING >	CONNECT SETTING >	
CAMERA AUTH SETTING >	ROP AUTH SETTING	•

2. CAMERA AUTH SETTING



- 4. Set "YES?" for SAVE. \Rightarrow Yes
- ⇒ The connection should be established!

5-1. Connection has been established!!





The Information window disappears when the connection between the HRP1010 and camera has been established.

If the connection has still not been established, the selected camera # might not be correct.

 \Rightarrow See the following pages.

5-2. Connection has been established!!

SELECT





 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, camera #1)



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



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

5-2. Connection has been established!!



5. Now, the connection between the HRP1010 and camera should be established.

6. List of CONNECT MODE & PORT

Camcorder	CONNECT MODE	PORT
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-UE150, HE145	LAN (AW4)	80
AW-UE100	LAN (AW5)	80
AW-UE80, UE50, UE40	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

Studio Camera	CONNECT MODE	PORT
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-UCU700, UCU710	LAN	49152
AK-UCU600	LAN	49152
AK-UCU500	LAN	49152
AK-HCU250	LAN	49152
AK-UB300	LAN (AW)	80