< Install Guide using Device Manager >

Device Manager version : 1.20.1.0

1. How to search Network Camera / NVR

A. Click [Search] button to search Network Camera and NVR

Project N	letwork I	Log	Script	Help
Search	Device	M	lanually	IP
	Credentia	Ad	d Devices	Assign

All device will be shown on Device list pane

2. How to set IP address for Network Camera

A. Select a target camera that you want to set IP address

Model	Status	Name	IP mode	IP Address	MAC Address	F/W Version	F/W Status
XRN-2011	Ready	XRN-2011	Static	192.168. 71.200	00:16:6C:B1:CB:07	Unknown	Unknown
XNO-6080R	Login OK	Camera	Static	192.168. 71.190	00:16:6C:C1:A6:D5	1.01_170520	Unknown

B. Click [IP Assign] button to assign IP address

Project N	letwork Lo	og Script	Help
Search	Device	Manually	IP
	Credential	Add Devices	Assign

"IP Assign – Single device" dialog will be shown

C. Type IP address and Gateway address → Click [Apply] button

💽 IP Assign - Single d	levice		×							
Obtain an IP address automatically (DHCP)										
Assign the follow	MAC Address :	00:16:6C:C1:A6:D5								
IP Address :	192 . 168 . 71 . 148	HTTP Port :	80							
Subnet mask :	255 . 255 . 255 . 0	VNP Port	4520							
Gateway :	192 . 168 . 71 . 1	RTSP Port	554							
DNS1 :										
DNS2 :										
		Ap	ply Close							

3. How to set Password for Network Camera

A. Click [Device Credential] button to set Password

Project N	letwork Lo	g Script	Help
Search	Device	Manually	IP
	Credential	Add Devices	Assign

B. Type New Password and Click [OK] button

- 1 choose Model Name to be set
- ② type "4321" on Current PW
- ③ check "Change Password" check box
- ④ type New Password and Confirm Password
- (5) click [Apply] Button

XNO-6080R 00:16:6C:C1:A6:D5 192.168.1.190 admin 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - 1 - - - - 1 - - - - 1 - - - - 1 - - - - 1 - - - - <	Mode	MAC Address	IP Address	User ID	Result
 * Network Camera only supports connection test. * Password Rule Password is at least 8 characters long. If the password is least 8 characters, it must contait three of the following rules. If the password is more than 10 characters, it must contait three of the following rules. If the password is more than 10 characters, it must contait three of the following rules. If the password is more than 10 characters, it must contait three of the following rules. If the password is more than 10 characters, it must contait three of the following rules. If the password is more than 10 characters at three. If the password is more than 10 character can not be used than three. And More than three continous character can not be used than three. And More than three continous character can not be used than three. 	XNO-60	80R 00:16:6C:C1:A6:D5	192.168.1.190	admin	
 * Network Camera only supports connection test. * Password Rule Password is at least 8 characters long. If the password is less than 10 characters, it must contai three of the following rules. If the password is more than 10 characters, it must contai three of the following rules. Upper/lower case letters, numbers, symbols. The same character can not be repeated than three. And More than three continous character can not be use 	(1)				
	* Network Camera o User ID : Current PW :	admin 2 •••••	* Password Rule Password is at let If the password is three of the follo If the password is least two of the fi Upper/Jower cass The same charact And More than th	ast 8 characters long, s less than 10 charact wing rules. s more than 10 chara ollowing rules. e letters, numbers, syr ter can not be repeat hree continous charac	ers, it must contair cters, it must conta mbols. ted than three. cter can not be use

4. How to upgrade Firmware for Network Camera

Project N	letwork Lo	g Script	Help				Status
Search	Device Credential	Manually Add Devices	IP Assign		FW 🔻	Config File	•
🗐 🗛 All Devi	All Devices	_	FW State	us Check			
i⊟ IP C	amera/Encod Login OK(1)	er(1)	Model		FW Upg	rade	

A. Click [FW]-[FW Status Check] button to check F/W status

F/W status is shown in the "F/W Status" column on "Camera Setup" dialog will be shown

Model	Status	Name	IP mode	IP Address	MAC Address	F/W Version	F/W Status
XRN-2011	Login Fail	XRN-2011	Static	192.168. 71.200	00:16:6C:B1:CB:07	Unknown	Unknown
XNO-6080R	Login OK	Camera	Static	192.168. 71.190	00:16:6C:C1:A6:D5	1.01_170520	Latest

B. Click [FW Upgrade] button to upgrade Firmware

Project N	letwork Lo	g Script	Help			Status
Search	Device Credential	Manually Add Devices	IP Assign	FW 👻	Config File	•
⊡. All Devices(2)			All Devices	FW State	us Check	c
⊡ · IP (Camera/Encod	ler(1)	Model	FW Upg	rade	

C. Procedure for upgrade Firmware

- ① The latest Firmware can be downloaded using [Download] button
 - The latest firmware will be stored on Local Hard drive
- ② Click [File Open] button to open new Firmware
- ③ Click [Upgrade] button to start an upgrade

FW Upgrade	C:\Users\Public\Do	cuments\Samsung\il	Polis Device Manage	er			
Model	MAC Addres	s IP Ac	ldress Cu	rrent ver. Warnin	g Status	New yer.	Current I
XNO-6080R	File Open						
2	00:16:6C:C1:A6	:D5 192.16	8.1.190 1.0	1_170520	Login O	K	1.18_1705
Above list excludes	the devices that are i	n 'connection failed	iii ' or in 'login failed'	status.		$\widehat{\mathbf{D}}$	•
Upgrade multiple d	devices in	Schedule					•
Parallel		Relative time	Now		≤ <u>(</u> 3)		Download
Sequence		Absolute time	:: 2017년 오전 11:	8월 30일 수요일 📄 :51:34		Download Upgrade	Close
	ail • O						

5. How to set Image Quality for Network Camera

FW 🔻	Config File	Video Setu	p Device p Setup	Report		ETC 🔻
						Multicast Setup
Status	Name	IP mode	ID Address	MAC Address	F	Event Setup
Juius	- Nume	In mode	II Address		'	Open SDK
Login Fail	XRN-2011	Static	192.168. 71.200	00:16:6C:B1:CB:07	Unk	Audio Setup
Login OK	Camera	Static	192.168. 71.190	00:16:6C:C1:A6:D5	1.01	SSL Setup
						SNMP Setup
						Device Log Save
						Camera Setup
						802.1x
						Set Hostname
						NVR Config to Excel
						IoT Device List
						Time Snyc
						Network Diagnosis
						CGI Sender

A. Click [Camera Setup] button on [ETC] group to control Image Quality

" "Camera Setup" dialog will be shown

B. Adjust various image quality value

SSDR, White balance, Backlight, Exposure, Day & Night, Special, OSD, IR

Camera Setup							
Model Name XNC	D-6080R 👻	Channel 1]				
Display Device 192	.168.1.190 🔻	00:16:6C:C1:A6:D5		Apply Selected D	evices		
XNO-6080R_192,168,1 2017-08-30 00:49:00	1,19014520-Video 01		2 lps	MAC Addres	ss IP Address	Result	
		3					
SSDR White balana	ce Back light Expo	sure Day/Night Special OSD	IR				
Brightness			*	50			
Minimum shutter	1/25		•	SSNR Level	12		•
Maximum shutter	1/12000		•	Iris	Auto		•
Anti flicker	Off		•	Iris F-No	F1.4		•
SSNR	True		•	AGC	High		•

6. How to set Motion Detection for Network Camera

A. Click [Event Setup] button on [ETC] group to control Image Quality

FW 🔻	Config File	Video Setu	p Device p Setup		Report		ETC	-
							Mu	lticast Setup
Status	Namo	ID mode	ID Address	MAGA	ddross		Eve	nt Setup
Status	Name	IP mode	IP Address	MAC A	aaress		Оре	en SDK
Login Fail	XRN-2011	Static	192.168. 71.200	00:16:6C:B1	:CB:07	Unk	Auc	lio Setup
Login OK	Camera	Static	192.168. 71.190	00:16:6C:C1	::A6:D5	1.01	SSL	Setup
							SNM	/IP Setup
							Dev	ice Log Save
							Can	nera Setup
							802	.1x
							Set	Hostname
							NVF	R Config to Excel
							IoT	Device List
							Tim	e Snyc
							Net	work Diagnosis
							CGI	Sender

"Motion Detection Setup" dialog will be shown

B. User can enable/disable Motion Detection

IF Motion detection for entire area can be enabled

💽 Moti	on Detection Setup				
Model N XNO-60	Name 180R 🔻		Channel		
	MAC Address 00:16:6C:C1:A6:D5	IP Address 192.168.1.190	Result	Motion Detection (Entire area) Sensitivity Enable *Motion Detection Setup : Only SUNAPI 2.0 or high Tampering Detection Sensitivity	Medium Disable er version support
				Enable Defocus Detection Sensitivity Enable	I → Disable
Total : 0	, Success : 0, Fail : 0				Close

7. How to set Profiles for Network Camera

A. Click [Video Setup] button to add/delete/modify profiles

FW 🔻 Config	•	Video	Device
File		Setup	Setup

"Video Setup" dialog will be shown

KNO-6	5080R 🔻		1 •	H.2		elete H.265		H.265	_
	MAC Address	IP Address	Result		Menu	Setting Option	Result	Current	Ţ
\checkmark	00:16:6C:C1:A6:D5	192.168.71.190			Default profile	Disable 👻			
					E-mail/FTP profile	Disable 👻]		
					Record profile	Disable 👻			
					Resolution	1920x1080 -			
					Framerate	1 ~]		
					Bitrate(1024-30720)	2048			
					Bitrate control	CBR 👻			
					Encoding priority	Framerate 👻]		
					GOP size	1 -			
					Profile	Main 👻			
					Entropy coding	CAVLC -]		l
					ViewMode Type	Overview 👻			
					Audio In	Disable -			
				•		III	1	•	
							Apply	Close	

Mode	l Name		Channel	Vid	eo Profile		Name		Codec
KNO-	6080R 👻		1 •	MJF	EG 🗾 🗌	elete	MJPEG		MJPEG
☑	MAC Address	IP Address	Result	MJP H.20	EG 54	Setting O	ption	Result	Current
✓	00:16:6C:C1:A6:D5	192.168.71.190		H.20 Live	55 4NVR	Disable	Ŧ		
				MO	BILF	Disable	-		
					Record profile	Disable	-		
					Resolution	1920x1080	-		
					Framerate	1	-		
					Bitrate(2048-30720)	10240			
					Audio In	Disable	-		
							6	Apply	Close

B. Click <<Add profile..>> menu to add new profile

C. Check "check box" on each item and change the value

MAC Address IP Address Result 00:16:6C:C1:A6:D5 192.168.71.190 Default profile Disable E-mail/FTP profile Disable Record profile Disable Record profile Disable Bitrate(1536-30720) 2560 Bitrate control VBR GOP size 1 Profile Main		H.264		te H.264	64 v	H.2	1 •		6080R 👻	XNO-6
 00:16:6C:C1:A6:D5 192.168.71.190 Default profile Disable E-mail/FTP profile Disable Resolution 1920x1080 	t	Current	Result	Setting Option	Menu		Result	IP Address	MAC Address	☑
□ E-mail/FTP profile Disable ✓ Record profile Disable □ Resolution 1920x1080 □ Framerate 1 □ Bitrate(1536-30720) 2560 □ Bitrate control VBR □ Encoding priority Framerate □ GOP size 1 □ Profile Main □ Entropy coding CAVLC				Disable 👻	Default profile			192.168.71.190	00:16:6C:C1:A6:D5	√
Record profile Disable Resolution 1920x1080 Framerate 1 Bitrate(1536-30720) 2560 Bitrate control VBR Encoding priority Framerate GOP size 1 Profile Main Entropy coding CAVLC				Disable 👻	E-mail/FTP profile					
Resolution 1920x1080 ** Framerate 1 ** Bitrate(1536-30720) 2560 Bitrate control VBR ** Encoding priority Framerate ** GOP size 1 ** Profile Main ** Entropy coding CAVLC **				Disable 🔻	Record profile					
Image: Second				920x1080 👻	Resolution					
Bitrate(1536-30720) 2560 Bitrate control VBR ** Encoding priority Framerate ** GOP size 1 ** Profile Main ** Entropy coding CAVLC **				-	Framerate					
Bitrate control VBR Encoding priority Framerate GOP size 1 Profile Main Entropy coding CAVLC				560	Bitrate(1536-30720)					
Encoding priority Framerate GOP size 1 Profile Main Entropy coding CAVLC				/BR 👻	Bitrate control					
GOP size 1 ~ · · · · · · · · · · · · · · · · · ·				ramerate 👻	Encoding priority					
Profile Main				-	GOP size					
Entropy coding CAVLC V				/lain 👻	Profile					
				AVLC -	Entropy coding					
ViewMode Type Overview 🔻				Overview 👻	ViewMode Type					
Audio In Disable 🔻				Disable 👻	Audio In					
	Þ.					•				

※ Setup functionality for NVR on Device Manager will be provided on Nov. 2017