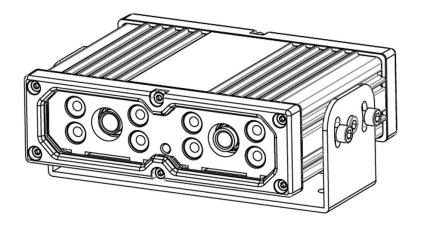
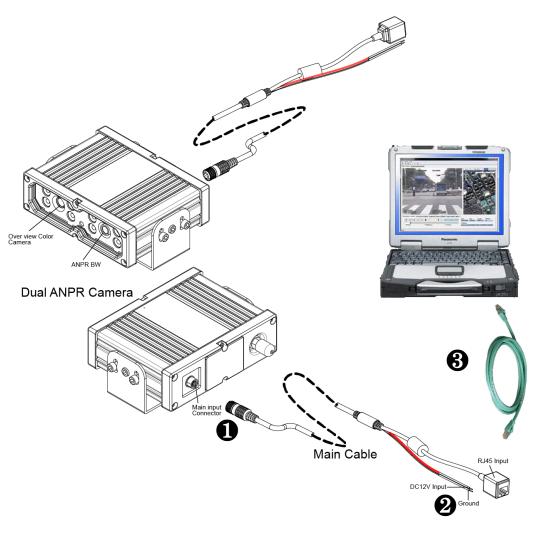
Dual Lens ANPR Camera

3MP Global Shutter + 2MP Rolling Shutter



GPI KOREA Inc.

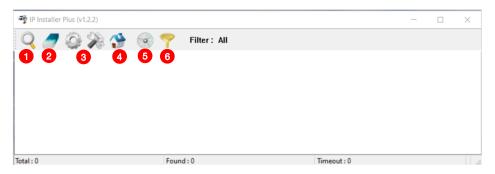
Installation



- Connecting Main Cable
- 2 Connecting DC 12V Power
- Connecting Network Cable to ANPR Device

IP Installer

In order to have the camera viewable on the network, IP address has to be assigned first. When a user double clicks IP Installer Plus.exe file which a software downloaded from the web page will help to search IP camera and change the IP address easily.



- SEARCH : Enable to search IP cameras in the network and display the list of searched cameras.
- 2 ALL CLEAR: Displayed cameras are all cleared.
- 3 IP SETUP: After Search, select the displayed camera and click "IP SETUP" to change IP address, Gateway and Net Mask.
- 4 WEB: Go to the web viewer page for the selected camera.
- 5 UPDATE: Firmware can be updated. Before updating, please load firmware from PC.
- 6 FILTER: Search IP camera by MAC address or IP range.

Default IP Address

Factory default value of IP camera is like below.

• IP: 192.168.0.100 • SM: 255.255.255.0 • GW: 192.168.0.1 • IP : 192.168.0.101 • SM : 255.255.255.0 • GW : 192.168.0.1

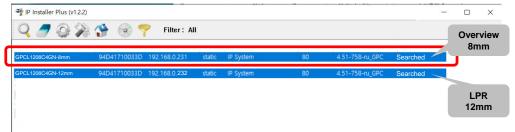
When you connect IP camera and PC directly, please assign the IP address of PC by choosing any numbers from 2 to 254 except "100" & "101" as shown below.

• IP: 192.168.0.150 • SM: 255.255.255.0 • GW: 192.168.0.1

X Available OS : XP, VISTA, WIN 7/8/10/11(32/64bit)

LIVE VIEW

Searching the camera

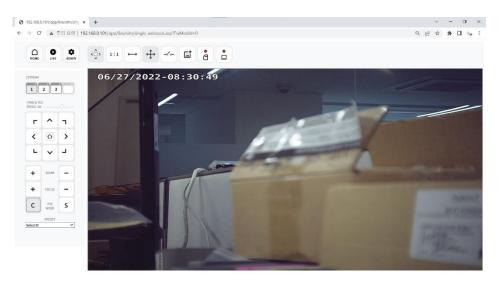


Double click the searched model.



Click 'Live View' to start monitoring the video streaming.

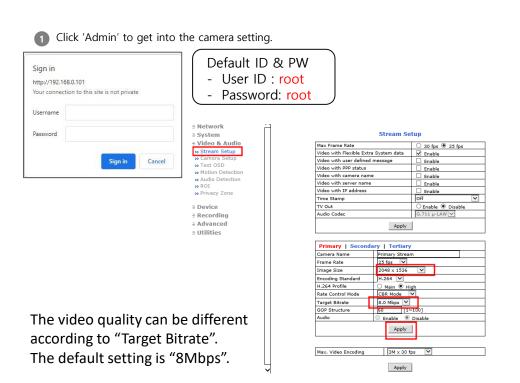
LIVE VIEW



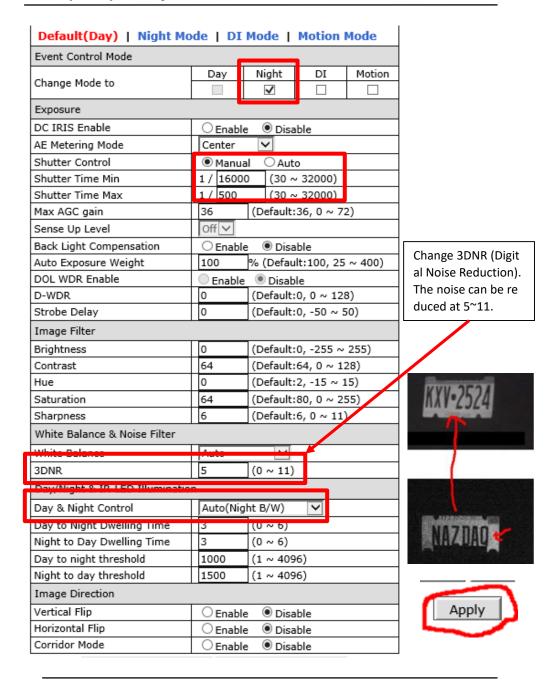
6 Monitoring the video stream in live.

WEB SETTING FOR B/W(LPR)

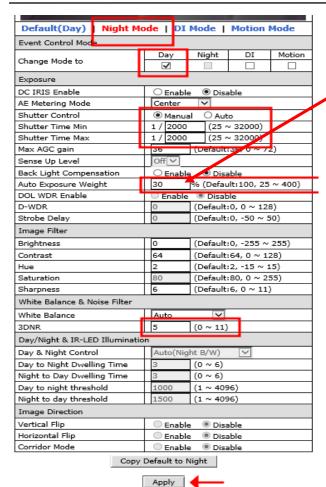




Recommended Video & Device/Camera Settings B/W (LPR) – Day Mode



Recommended Video & Device/Camera Settings B/W (LPR) – Night Mode



Auto Exposure Weight.
Reduce the saturation.
Set up the value less than 30.



Auto Exposure Weight. 50.



Auto Exposure Weight. 70.



Auto Exposure Weight. 100



*** After Night Mode setting is done, return to Default(Day) and click "Apply" button again.

WEB SETTING FOR COLOR(OVERVIEW)



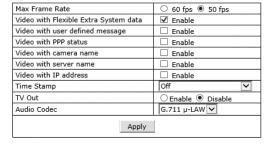
1 Click 'Admin' to get into the camera setting.



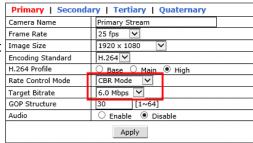
Default ID & PW - User ID : root

- Password: root

Stream Setup



The video quality can be different according to "Target Bitrate". The default setting is "6Mbps".



Recommended Video & Device/Camera Settings For Color (Overview)

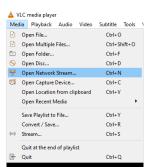
Exposure	
Lens Type	● ELC ○ ALC
Brightness	125 (Default:55, 0 ~ 255)
Shutter	Auto 🗸
Lens ELC Mode	Normal O Deblur
Lens ALC Mode	Indoor 💟
Manual Shutter Speed	1/30
Manual Min Speed	1/30000 💟
Manual Max Speed	1/250
Sens Up	Off 🗸
Agc	91 (Default:91, 0 ~ 255)
Anti Saturation	10 (Default:10, 0 ~ 20)
BackLight	
BackLight Mode	Off 🔽
Hlc Level	18 (Default:18, 0 ~ 20)
Hlc Mask Color	Black 💙
Blc H-Pos	8 (Default:8, 0 ~ 20)
Blc V-Pos	7 (Default:7, 0 ~ 20)
Blc H-Size	3 (Default:3, 0 ~ 20)
Blc V-Size	3 (Default:3, 0 ~ 20)
WDR Weight	Low Y
Day&Night	
Day & Night Mode	Color 🔽
Led On	Off ● On
AGC Threshold	10 (Default:10, 0 ~ 20)
AGC Margin	15 (Default:15, 0 ~ 20)
Delay	Low 💙
IR Signal(Night)	○ High ● Low
Day to Night Threshold	110 (Default:110, 0 ~ 255)
Night to Day Threshold	60 (Default:60, 0 ~ 255)

Recommended Video & Device/Camera Settings For Color (Overview)

White Balance		
White Balance Mode	Auto 💙	
Kelvin	5000K ✓	
Manual RGain	128 (Default:128, 0 ~ 255)	
Manual BGain	128 (Default:128, 0 ~ 255)	
Color Gain	150 (Default:150, 0 ~ 255)	
Vivid	0 (Default:0, 0 ~ 100)	
2DNR Level	8 (Default:8, 0 ~ 255)	
3DNR Level	10 Default:51, 0 ~ 255)	
Image		
Sharpness	255 (Default:128, 0 ~ 255)	
Gamma	0.5	
Mirror	● off ○ on	
Flip	● off ○ on	
D-WDR	Middle 💙	
Defog	Low 🗸	
Defog Mode	Manual O Auto	
Contrast	64 (Default:64, 0 ~ 255)	

Apply

RTSP Connection - VLC Media Player

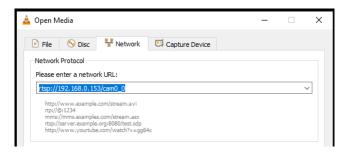


B/W (LPR)

Primary Streaming (h264, H265): rtsp://192.168.0.100/cam0_0 Secondary Streaming (h264, H265): rtsp://192.168.0.100/cam0_1 Tertiary Streaming (h264, H265): rtsp://192.168.0.100/cam0_2

Color (Overview)

Primary Streaming (h264, H265): rtsp://192.168.0.101/cam0_0
Secondary Streaming (h264, H265): rtsp://192.168.0.101/cam0_1
Tertiary Streaming (h264, H265): rtsp://192.168.0.101/cam0_2
Tertiary Streaming (MJPEG): rtsp://192.168.0.101/cam0_3

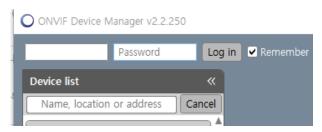




ONVIF Device Manager



Onvif Device manager (ID: root, Password: root)





** Onvif Protocol Version: Profile S

Dimension

