Global Shutter Motorized Lens LPR Camera Quick Guide



Overview

GPCL1240MA4GN (Standard)



GPCL1240MA4GN (Mac Mount Bracket - Option))



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.

🍄 IP Install	er Plus (v1.2.2)					_	\times
Q 👩	7 😳 💸		3	Filter: All			
12	3	4	56				
Total : 0			Fou	nd : 0	Timeout : 0		

- SEARCH : Enable to search IP cameras in the network and display the list of searched cameras.
- 2 ALL CLEAR : Displayed cameras are all cleared.
- 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

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" 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

🖓 IP Installer Plus (v1.2.2)				-	- 🗆	\times
Q 🦪 谷 🔆 🕻	🔮 🛞 💎	Filter: All				
GPCL160LA4TD 00306F10268	F 192.168.0.22	static IP System	80	4.51-230-ru_GPC	SEARCH	IED
U						

① Double click the searched model.



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

LIVE VIEW



3 Monitoring the video stream in live.

WEB SETTING





Click 'Admin' to get into the camera setting.



Apply

RECOMMENDED Video & Device/Camera Settings

Default(Day) Night Mode DI Mode Motion Mode							
Event Control Mode							
Changes Made to	Day	Night	DI	Motion			
Change Mode to		✓					
Exposure							
DC IRIS Enable	Enable	e 🔿 Disabl	e				
AE Metering Mode	Genter	\sim					
Shutter Control	Manua	al O Auto					
Shutter Time Min	1 / 1600	0 (30 ~ 3	2000)				
Shutter Time Max	1 / 500	(30 ~ 3	2000)				
Max AGC gain	36	(Default:36	5, 0 ~ 7	2)			
Sense Up Level	Off 🗸						
Back Light Compensation	O Enable	e 🖲 Disabl	e	ſ			
Auto Exposure Weight	100	% (Default:	100, 25	~ 400)	Change 3DNR (Digit		
DOL WDR Enable	C Enable	Disable			al Noise Reduction).		
D-WDR	0	(Default:0, 0 ~ 128)			The noise can be re		
Strobe Delay	0 (Default:0, -50 ~ 50)			duced at 5~11.			
Image Filter							
Brightness	0	(Default:0,	-255 ~	255)			
Contrast	64	(Default:64	4,0~1	28)			
Hue	0	(Default:2,	-15 ~ 1	15)	KYV-252/		
Saturation	64	54 (Default:80, 0 ~ 255)			MAT LULY		
Sharpness	6	(Default:6,	0~11)	Adaptive Recognition Camera		
White Balance & Noise Filter							
White Belence	Auto						
3DNR	5	(0 ~ 11)					
Day/Night & IX-LED Illuminatio							
Day & Night Control	Auto(Night B/W)			NA7DAO			
Day to Night Dwelling Time	3 (0 ~ 6)		Munanne				
Night to Day Dwelling Time	3	(0 ~ 6)		GPI Camera			
Day to night threshold	1000	(1 ~ 4096)			_		
Night to day threshold	1500	(1 ~ 4096)					
Image Direction					Apply		
Vertical Flip	O Enable	🔿 Enable 💿 Disable					
Horizontal Flip	O Enable	🔿 Enable 💿 Disable					
Corridor Mode	🔿 Enable 💿 Disable						

RECOMMENDED Video & Device/Camera Settings

Default(Day) Night M	ode DI Mode Motion Mode	
Event Control Mode		1
Change Mode to	Day Night DI Motion	-
Exposure		1
DC IRIS Enable	O Enable Disable	The intermediate
AE Metering Mode		CONM 786
Shutter Control	Manual O Auto	The second secon
Shutter Time Min	1 / 3000 (30 ~ 32000)	10 Meter Calification Real
Shutter Time Max	1 / 3000 (30 ~ 32000)	NT2 EPC
Max AGC gain	26 (Default:26 0 or 72	A/2 31.5
Sense Up Level	off 🗸	
Back Light Compensation	O Enable O Disable	EN 1 1074
Auto Exposure Weight	30 % (Default:100, 25 ~ 400)	
DOL WDR Enable	🔍 Enable 🔎 Disable	Reduce the saturation
D-WDR	0 (Default:0, 0 ~ 128)	Set up the value less than 25~ 30
Strobe Delay	0 (Default:0, -50 ~ 50)	Set up the value less than 25 Se.
Image Filter		
Brightness	0 (Default:0, -255 ~ 255)	
Contrast	64 (Default:64, 0 ~ 128)	
Hue	0 (Default:2, -15 ~ 15)	
Saturation	64 (Default:80, 0 ~ 255)	·//, 10 17
Sharpness	6 (Default:6, 0 ~ 11)	
White Balance & Noise Filter		
White Balance	Auto 🔽	
3DNR	5 (0 ~ 11)	• GPI Camera
Day/Night & IK-LED Illuminat	on	
Day & Night Control	Auto(Night B/W)	
Day to Night Dwelling Time	3 (0 ~ 6)	
Night to Day Dwelling Time	3 (0 ~ 6)	
Day to night threshold	1000 (1 ~ 4096)	
Night to day threshold	1500 (1 ~ 4096)	
Image Direction		
Vertical Flip	🔍 Enable 💿 Disable	
Horizontal Flip	🔍 Enable 💿 Disable	
Corridor Mode	🔍 Enable 💿 Disable	

Default(Day) Night Mo	Night Mode DI Mode Motion Mode			Mode	
Event Control Mode					
	Day	Night	DI	Motion	
Change Mode to		>			
Exposure					
DC IRIS Enable	O Enable				
AE Metering Mode	Center 🗸				
Shutter Control	Manual O Auto				
Shutter Time Min	1/16000 (30~32000)				
Shutter Time Max	1 / 500 (30 ~ 32000		· 32000)		
Max AGC gain	36 (Default:36, 0 ~ 72)		2)		
Sense Up Level	Off 🗸				
Back Light Compensation	○ Enabl	e 🖲 Disa	able		

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



RTSP Connection - VLC Media Player

🛓 VLC media player

Media		Playback	Audio	Video	Subtitle	Tools \		
Þ	Op	oen File		Ctrl+O				
Þ	Open Multiple Files Ctrl+Shift+O							
•	Op	en Folder			Ctrl+F			
⊙	Op	oen Disc			Ctrl+E	F		
7	Op	en Network	Stream		Ctrl+N	1		
•	Op	oen Capture	Device		Ctrl+C			
	Op	oen Location	from cli	pboard	Ctrl+V			
	Op	ben Recent N	1edia			•		
	Sa	ve Playlist to	File		Ctrl+Y			
	Co	onvert / Save			Ctrl+R			
((+))	Stream				Ctrl+S			
	Qu	uit at the end						
÷	Qu	uit			Ctrl+0	2		

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



ONVIF Device Manager



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

ONVIF Device Manager v2.2.250						
	Password		Log in	✓ Remember		
I	Device list		«			
	Name, location or address	Can	cel			
			n 🔺 👘			



Motorized Lens Control



 Zoom "+", "-" : Zoom in or Zoom out. Auto focusing takes 5 ~ 10 seconds.

❷ Focus "+", "-": Focusing manually. Far or Near

CGI command "Zoom" "Focus" Control

	Zoom IN(TELE) start	http://Camera IP/cgi-bin/fwptzctr.cgi?FwModId=0&PortId=0&PtzCode=0x0000010B&PtzParm=0x0000000F&RcvData=NO&FwCgiVer=0x0001
0	Zoom IN(TELE) stop	http://Camera IP/cgi-bin/fwptzctr.cgi?FwModId=0&PortId=0&PtzCode=0x0000020B&PtzParm=0x0000000F&RcvData=NO&FwCgiVer=0x0001
	Zoom OUT(WIDE) Start	http://Camera IP/cgi-bin/fwptzctr.cgi?FwModId=0&PortId=0&PtzCode=0x0000010C&PtzParm=0x0000000F&RcvData=NO&FwCgiVer=0x0001
	Zoom OUT(WIDE) Stop	http://Camera IP/cgi-bin/fwptzctr.cgi?FwModId=0&PortId=0&PtzCode=0x0000020C&PtzParm=0x0000000F&RcvData=NO&FwCgiVer=0x0001
2	Focus NEAR Start	http://Camera IP/cgi-bin/fwptzctr.cgi?FwModId=0&PortId=0&PtzCode=0x0000010D&PtzParm=0x0000000&RcvData=NO&FwCgiVer=0x0001
	Focus NEAR Stop	http://Camera IP/cgi-bin/fwptzctr.cgi?FwModId=0&PortId=0&PtzCode=0x0000020D&PtzParm=0x00000000&RcvData=NO&FwCgiVer=0x0001
	Focus FAR Start	http://Camera IP/cgi-bin/fwptzctr.cgi?FwModId=0&PortId=0&PtzCode=0x0000010E&PtzParm=0x0000000&RcvData=NO&FwCgiVer=0x0001
	Focus FAR Stop	http://Camera IP/cgi-bin/fwptzctr.cgi?FwModId=0&PortId=0&PtzCode=0x0000020E&PtzParm=0x0000000&RcvData=NO&FwCgiVer=0x0001

Motorized Lens Control (Onvif Device Manager)



Select the camera on Onvif Device Manager.
 * Onvif Device Manager Login Password: root / root

Olick "PTZ Control"

PTZ control icon will be overlaid on the display.

Click Zoom In(+) or Out(-)