IP-001T Video Server Products Series

User Manual & Installation Guide

Version: 1.0

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1. Product Overview

What is Video Server?

Video Server is designed for intranet & internet use. Users can view image or change configurations via built-in web server. The two-layer user-validation prevents any illegal user to monitor or change configuration once user validation is enabled

Product Features

Video Server	CPU: 32 Bits RISC Processor. 16Mb Flash, 64Mb SDRAM
	Linux OS
	TCP/IP network remote Video transmission system
	High performance JPEG/MJPEG compression
	Built-in Web sever
	Built-in DHCP Client
	Built-in Motion Detection
	Frame Rate Control
	Administrator / User level password protection
	Snapshots
	On-line firmware upgrade
	Frame Rate: NTSC: 30 frame/sec

2. Physical Connections

IP-001T





Side Panel Connections

Front Panel Connections

3. Installation



🔤 命令提示符	
C:∖>ping 192.168.1.1	
Pinging 192.168.1.1 with 32 bytes of data:	
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64 Reply from 192.168.1.1: bytes=32 time<1ms TTL=64 Reply from 192.168.1.1: bytes=32 time<1ms TTL=64 Reply from 192.168.1.1: bytes=32 time<1ms TTL=64	
Ping statistics for 192.168.1.1: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = Oms, Maximum = Oms, Average = Oms	
0:∖>	
	-

Please check your network connectivity before you start install the product. Confirm the link status of your LAN is OK. You may try use the following way to check the network.

Assuming you are under Microsoft Windows 2000 desktop, Click on Start button, Programs, Accessories, Command Prompt , Then there will be a blank window appear to wait command input. Please key in the following command to test the network status.

C:\>ping 192.168.1.1 [Enter]

*Note: the target IP address given above may be correct in common scenarios, if your network is not configured by IP segment 192.168.1.x, please change the IP Address to a valid address in your local network. Any difficulties please contact your network administrator for assistance.

If your network status is OK, the result of above command should like following

Pinging 192.168.1.1 with 32 bytes of data: Reply from 192.168.1.1 bytes=32 time=10ms TTL=64

If you have confirmed your network connectivity is OK, Please proceed to next part of installation guide, otherwise, contact your network administrator to recover the problem.

Connect Video Server to network



Connect Video Server to your hub/switch by using a normal RJ45 cable, plug the RJ45 cable into the Ethernet connector locate at the rear panel of the Video Server, another side connect to your hub/switch.

Connect Power Supply



Connect the Video Server and power source with the adapter provided, plug the power adapter into the DC 5V Connector. Once the power status is OK, the LED in red located at the rear panel of Video Server should light-up.

Connect Camera



How to reset



Load Video Server Default Settings

erCheck	Interface	Device Name	Model Version	Mac Address	IP Address	Port	
5	ethl	IP-CAM NAME01 IP-CAM NAME02	√7000EM-PT(PTR)/5.12 IVS-1004HP/6.12.003	00:0E:01:70:00:39 00:0E:01:20:00:AF	000.000.000.000 000.000.000.000	80 80	
Scheduling	Query: 30	Minutes		1	Refresh	E	xit

Start your first time network monitoring

Run the "IPLocator" utility, the newly connected Video Server will be listed in the application window. Please remember its' IP address.

Open an Internet Explorer Window input the following address into the address textbox:

http://[Video Server IP Address provided by IPLocator]

After you press on the enter key, the main working interface and video picked by the camera should appear after a short period. The installation steps are completed. You may now start your first network monitoring experience.

Note: when you first time enter the working interface, the browser may ask whether to install a COMWebSurv component, which is used to communicate with our Video Server product, PLEASE CHOOSE YES to install, otherwise the monitoring function may not work.

How to visit the built-in web

Launch your Internet Explorer (I.E. 6.0 or above) first, then type the Video Server's url. (i.e. http://192.168.1.100). The user validation is disabled as default, no login is necessary. The user is same as the system administrator(Default : root/pass).

For the first time user visits the Video Server, the ActiveX(ATLWebSurvCOM) will be downloaded to the **[Downloaded Program File]**. Be sure to click the button **[Yes]** as below. Notes: Call your system administrator if you have not enough privilege to download the ActiveX. (i.e. Users should be the administrator to download the ActiveX for Windows 2000/XP operation system)



You can find the ActiveX ATLWebSurvCOM will be downloaded to the **[Downloaded Program File]** folder. The above dialog will pop automatically once new ActiveX is available(i.e. after firmware upgrade)

🔁 Downloaded Program Files					- 🗆 🗙
	ols <u>H</u> elp				
🗧 🖛 Back 👻 🔿 👻 🔂 🚱 Search	n 🔁 Folders 🎯 Hist	ory 📲 🐨 🗙	S II.		
Address 👔 Downloaded Program File	s				▼ ∂Go
	Program File / ATLWebSurv Class	Status Installed	Total Size 256 KB	Creation Date 9/30/2003 6:01 PM	Last Accessed 10/6/2003
Downloaded Program Files					
This folder contains the files needed to display Web pages that you have already opened.					
Most of these files help run animations on a Web page.					
The files are placed in this folder when you visit a Web page so that if you open that page again, the page will be displayed more quickly.					
Select an item to view its description,					
	4			1	Þ
1 object(s)					

About the User Interface of Video Server

The upper window is for company logo display (i.e. This is a generic version. The company logo leaves blank). The left side of the window is the control panel. The right window is for image display. (Please switch to full screen mode when the resolution is set to VGA mode)



How to check the firmware version

Click the WebCam icon and you will read the firmware version



How to change the configurations

The system administrator: root is the one who has the privilege to change system configuration if user validation is enabled. The following window will appear when you click [Options] icon in the control panel (left side of the window). The follow is the description & field definition.

[System]:

Server Info: Server Model and Firmware Version

Device Name: the name of hardware device.

Video Mode: Video Mode (NTSC or PAL)

Time Zone: Time Zone Setting

Display Option

Show Camera Name: Show Camera Name on Display

Show Date Time: Show Date Time on display

Traffic Control: Bandwidth Setting

Others

Load default configuration: Load the factory default. **Reboot:** Reboot the hardware remotely.

Firmware Upgrade : Upload & upgrade the Video Server firmware.

System Joser Log Network Video Event Home System Setting Submit Submit Video Mode ITime Zone California Paylight Saving Display Option © Show Camera Name © Show Date Time Traffic Control © Unlimited © Bandwidth Image delay © msec Submit Display Option © Show Date Time Traffic Control © Unlimited © Bandwidth Image delay © msec

[Firmware Upgrade]: Please follow the standard procedure to upgrade firmware.

- Step 0: Stop all unnecessary running application in your PC.
- Step 1: Uncheck the [Browse..] and [Upload] motion images in the Motion Detection Setting and reboot the hardware. Note: You have to make all event setting to be disable, before you do this step.
- **Step 2:** Upload the firmware: Be sure to upload the correct firmware. Wrong firmware may cause your Video Server malfunction. It's possible to take a few minutes to upload the firmware into memory depending on the network environment. Since too many unknown situation may occur in the Internet, we strongly recommend you to upgrade firmware in the Intranet.



Step 3: Write firmware to your Video Server. It will take a few minutes to write firmware into flash. The Video Server will reboot automatically when writing firmware is complete. Please DO NOT reboot the device manually.

Note: Any interrupt during writing will cause the IP cam malfunction. The UPS may prevent the power failure problem.

🚔 Web Camera - Microsoft Internet Explorer	
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↓=Back • ⇒ • 🙆 🙆 🚮 🔞 Search 🝙 Far	anites (3)History 🗳 🖉
Address a http://192.168.2.48/options.htm	🗾 🔗 Go 🗍 Links 🍽
Options Web Gas User Log Network Video EVENT Home	Firmware Upgrade The whole process may take a few minutes depending on yourmatically once firmware upgrade is complete. Please be patient to wait We will reboon with the process of the set of the
📺 Start 🛄 🐲 🧊 🕩 @]Web Camera - Mi	cres

How to change User Logo

We allow you to use your own logo from version v3.0. User logo will not be erased when you upgrade firmware in the future. The detailed procedures are as follows: Step1: Type <u>http://Video ServerIP/LogoUpload.htm</u>

🛃 Web Ca File Ed	mera - Microsoft Internet Explorer it View Favorites Tools Help
j] ↓ Back	- → - ② ☑ ⚠ ③ Search Favorites ③ History 🔂 - ④ 👷
Address	http://192.168.2.32/LogoUpload.htm
	type http://x.x.x.x/LogoUpload.htm

Step 2: Browser the logo file to use and upload to upload it. Note: The file format must be gif and the max size is 30 K bytes.

http://192.168.2.32/LogoUpload.htm - Microsoft Internet Explorer
Elle Edit View Favorites Tools Help
🕁 Back 🔹 🤿 🖉 🙆 🖓 🧔 Search 🝙 Favorites 🎯 History 🗟 🗉 🧟
Address 🛃 http://192.168.2.32/LogoUpload.htm
Upload Logo file
The whole process will take a few minutes depending on your network environment. Please be patient to wait Logo Filename: C\Pub\Ahmed\Jogo\puty_Browse] Upload Cancel
Choose file 21 XI
History
Iogo file should be *.gif format; Max size: 30 KBytes Desktop My Documents

Step 3: Click [Change] button to write logo file into flash memory.



Step 4: Reboot Video Server once ChangeLogo is complete.

Change Logo	
	Note: Please stop all unnecessary running applications in your PC while changing logo.
	Microsoft Internet Explorer
	Click Change Enable user logo! You have to reboot the device and clear the [Temporary Internet files] in I.E. to take changes effect!
	Click Cancel to abort.
Change Logo	
	Note: Please stop all unnecessary running applications in your PC while changing logo.
	Click Change Microsoft Internet Explorer
	Click Cancel

Step 5: You have to clear the [Temporary Internet files] to take changes effect since there is always some catch in the I.E. Please click [Tools] [Internet Options..] on the top bar.

<u>File Edit View Favorites</u>	Tools	<u>H</u> elp			
↔ Back → → - 🕥 👔 💈	<u>M</u> ail <u>S</u> yn Win	and News chronize dows <u>U</u> pdate	•	3 History	B-32
	MSN Sho	I Messenger Service w <u>R</u> elated Links			
ſ	Inter	net Options		n	

Step 6: Clear [Temporary Internet files] as follows.

Home page	u can chang	e which p	age to use for yo	ur home pa	ge.
La Ac	ld <u>iðe</u> s: m	/isapi/red	r.dll?prd=ie&pver	=5.5&ar=m:	snhome
	Use	<u>C</u> urrent	Use <u>D</u> efault		<u>B</u> lank
- Temporary I	nternet files				
Pa Pa	ges you view	on the In	ternet are stored	in a specia	l folder
1 01	QUICK VIEWII		É	<u>)</u>	ſ
			the second se	Caller	202
			Delete Files	<u>D</u> etti	ige
- History		ļ		<u></u>	·9•
History Th	e History fold	ler contain	s links to pages y	j <u>s</u> etur vou've visite	ed, for
History Th qui	e History fold ck access to	ler contain precently	Delete <u>Files</u> s links to pages y /iewed pages.	J <u>J</u> ettir	ed, for
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History Th qui Delete Fi	e History folc ck access to le s elete all files	ler contain o recently v in the Ter	Delete <u>F</u> iles s links to pages y viewed pages.	iou've visite	
History Th Quint Delete Fi	e History fold ck access to les elete all files ou can also	ler contain precently in the Ter delete all y	Delete <u>F</u> iles s links to pages y viewed pages. nporary Internet F	iou've visite	ed, for

Step 7: Refresh I.E. (Click F5) to take changes effect. You will see you new logo below.



How to disable and enable user logo

Type: http://Video ServerIP/SetOEM.cgi?LOGO=0 to turn off the user logo

	Microsoft Internet Explorer
<u>EileE</u> dit_⊻iew	Favorites Iools Help
] 🕁 Back 🔹 ⇒	💿 😰 🔂 🥘 Search 🗊 Favorites 🎯 History 🛛 🛃 🕳 🧾
Address http://	192.168.2.32/Set0EM.cgi?L0G0=0
http://192.168	2 32/Set0EM.coi?l (160=0 - Microsoft Internet Explorer
	Favorites Iools Help
Back 🕶 👄 -	🙆 😰 🖓 🥘 Search 📷 Favorites 🎯 History 🔹 🛃 🖓
Address 🛃 http://	192.168.2.32/Set0EM.cgi?L0G0=0
Please	e clear Temporary Internet files to take change effect

or <u>http://Video ServerIP/SetOEM.cgi?LOGO=1</u> to turn on the user logo

User Management

The administrator(root) has the privilege to manage users if User Validation is enabled. Here are the configurations available & field definition.

[User]:

User validation

Yes : Enable user check

No : Disable user check

Add/Modify User: To create new user or modify existing user password

Username : user name

Password: user password

Confirm : user password confirmation

Delete user: To delete existing user

Current User List: The users in the Video Server

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G Back → → · G C A G Search S Favorites	(3)History B₂+ → B			
Address 2 http://192.168.2.48/options.htm				▼ 🖉 Go 🛛 Links *
Options Web Can System User User User User Video EVENT Home	ser Management Setting : User Validation: Ves C Add/Modify User: Username: Password: Confirm: Delete user: Username: Current User List: <u>Irroot</u>	No 	Submit	
a Done				internet
🏽 Start 🛛 👩 🌍 🍞 🚺 🕢 Web Camera - Micros				🍕 🎯 🍓 11:51 AM

Log

The system log will be listed in the window when you click [Log] icon.

Operation: The operation which user operates

Value: The value to change

Client IP: The IP address of client PC

Client MAC: The mac address of client PC

Datetime: date-time which operation occurs



Network

Allows administrator(root) to change network setting when you click [Network] icon.

IP Setting: Please consult you networking manager for the following values **Manual:** To set network setting manually.

DHCP: To let Video Server get network setting from DHCP server automatically.

IP Address: IP address of Video Server

Subnet mask: Subnet mask of Video Server

Default Gateway: Default gateway of Video Server

DNS 1/2/3: DNS Server IP if necessary

Http Port: Change the http port of built-in web server (default 80).

(i.e. range 80, 1025 ~ 65535)

System User Log Network Video EVENT Home IP Setting: submit Submit 9 IP Setting: 9 0 0 IP Setting: 9 0 IP Address: 9 0 IP Setting: 9 IP Address: 9 10 IP Address: 9 IP Address: 19 IP Address: 19 IP Address: IP Address: IP Address: IP Address: IP Address: IP Address: IP Address: IP Address: IP Address: IP Address: IP Address: IP Address: IP Address: IP Address:	Web Cam	Network Settin	Ig		
O User • Manual • DHCP Log IP Address : 192168243 Subnet Mask : 252525250 Default Gateway : 192168221 DNS 1 : 0000 DNS 2 : 0000 DNS 3 : 10000 Home COM Part Setting	System	IP Setting :			Submit
Log IP Address : 19,168,243 Network Subnet Mask : 25,255,255,0 Network Default Gateway : 19,168,21 Video DNS 1 : 000,0 DNS 2 : 000,0 DNS 3 : EVENT Http Port : 80	User	0	Manual	 DHCP 	
Log Subnet Mask : 255252500 Network Default Gateway : 192168221 DNS 1 : 0000 DNS 2 : DNS 2 : 0000 DNS 3 : EVENT Http Port : 80		IP	Address :	192.168.2.43	_
Network Default Gateway: 192.1682.21 DNS 1: 0000 DNS 2: 0000 DNS 3: 0000 DNS 3: 0000 Http Port : 80) Log	Su	ibnet Mask :	255.255.255.0	
DNS 1 : 0000 DNS 2 : 0000 DNS 3 : 0000 EVENT Http Port : Home COM Port Setting	Matural	De	efault Gateway :	192.168.2.21	
) Video DNS 2 : 0000 DNS 3 : 0000 Http Port : 80 COM Part Setting	Network	DN	VS 1 :	0.0.0.0	
DNS 3 : 0000 Http Port : 80 COM Part Setting) Video	DN	VS 2 :	0.0.0	
) EVENT Http Port : 80		DN	NS 3 :	0.0.0.0	
) Home COM Part Setting) EVENT	Ht	tp Port :	80	
COM Port Setting	Home				
			G	OM Port Setting	
		-	_	_	

Video

Allows administrator(root) to change Image Setting, Traffic Control or Motion Detection.

Image Setting

Quality: Image Quality (Low/Normal/Good/Fine/Excellent) Images Size: 160x120/176x144/320x240/352x288/640x480/704x576 Rotation: Nomal/180 degree (Upside down) Advanced: Image preference adjustment Brightness: Adjust image brightness Contrast: Adjust image contrast Hue: Adjust image hue Saturation: Adjust image saturation

Traffic Control

Unlimited: To send out image at full speed. (up to 30 frames per second) **Frame per second:** Delay to send image every x second(mini-second)



Event

This Option contains three major functions: Server Configuration, GPIO Configuration and Event Configuration

Server Configuration: User can setup Ftp and Mail services that provides the actions in Event setting.

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options	Server Setting	DI Setting	DO Setting	MSG Setting	Event Configuration
System					
Óllser			(=), "		Submit
	Mail S	etting	Mail m	otion images	
		SMITP Serv	er manasipoonin		
		- Decemore	4 ********		
O Network		Mail From	webcam@asin	com.tw	
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Video		Mail Subjec	T Your Mail Sub	iect	
Event		wan oabjee			
<u> </u>	FTP S	etting	🗖 Uploa	d motion image	s
		Ftp Server			
Home		User Name			
		Password			
		Account			
		Upload Pat	h		
	-	_	_	_	

See figure below:

Allows administrator(root) to configure the mail & ftp setting once motion detected

Mail Setting: if check on Mail motion images, Device will send motion images Mail Server: Name or IP of Mail server

Username: User name

Password: User password (Password will be validated if checked)

Mail From: Mail sender

Mail To: Mail receiver

Mail Subject: Mail subject

FTP Setting: if check on Mail motion images, Web DVR will upload motion images

FTP Server: FTP Server

Username: User name

Password: User password

Upload Path: Images upload path

GPIO Configuration : Allow user to define types of digital input and their status.

See Figure below:

DO Configuration:

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Options	Server Setting DI Setting	DO Setting MSG Settin	ng Event Configuration
System		_	
User	Digital Output	Setting	Submit
⇔Log	Index	DO Status	
Network	D00 -	CON COFF	
Ĭ			
Video	Index	DO Status	
Event	0	OFF	
Home			

Index: the Index of digital output

DO Type: define type of digital input to : **[Normal Open]** or **[Normal Close]** DO Status: Disable the DO or Enable it.

MSG Setting:

Alert Message function provides user the ability to send message to a remote server. Device manager can assign ip address , port number and message for remote server. Thus, Remote server can collect related alert messages via network when events are triggered.

[IP Adderss]: Server's IP adderss.

[Port Num]: Http port Number.

[Message]: Message string.

↓ • • → • ◎ 2 △ ◎, • ◎ ♥ Ø) - 8 ×
Options	Server Setting DI Setting DO Setting MSC Setting Event Configuration	on
User	Alert Message Setting	
Log	IP Address 0000	
	Port Num 5000	
Video	Message Put aller message here!	
Event		
7		
Home		

Event Configuration: User can select Event Index to locate Event (range from 0-2) and also decide to enable or disable this event. Three parts of event setting will be discussed below: [Trigger condition], [Delay time], and [Trigger Action]

[Source]: The [Input Type] contains DI0, DI1 and Motion Detection

[Eanble]: Select to Enable the Input Type that you selected.

[Delay time]: Duration that ignores same event trigger. Range from (1-30) sec **[Action]:** Including FTP, MAIL, DO and MSG.

After System accepts trigger condition, related actions can be launched. FTP and MAIL will send image to remote area, thus; [Camera] is necessary for user to specify. DO is related to its index to specify which digital output (Only 0 is enable). MSG can send a string to remote server via TCP protocol which will be released soon.

4 • • → • ③ ④ 곱	Q 🖻 🎯 🎯 🖪 ·	· 🥥 🗹 · 🗎 🖬 🛍	. 🖸			(i) - 6 >
Option	ns 🗖	Server Setting	DI Setting C	O Setting MSG Set	ting Event Confi	guration
User	stem	Event Condit	tion Source DI0 💌	CamID 💁	⊏ Enable	
Log	Ation FTP a Mail include	Action	(Delay 3 se	F DOO -	ng the next event)	J
Video	Camera ID	Event ID	Source	Action	Cam ID Enat	
Home		1 2	D10 ¥ D10 ¥	Deteilli		
				Detail Lis	t	

4. Product Specifications

Models

IP-001E: Video Server with serial communication support

Specifications:

Items	Specifications		
Model	IP-001T		
Power			
Supply	DC 12V , 1.2A		
Consumption	~3 Watts		
Networking			
Connectivity	10/100 Ethernet		
Protocols	SMTP, FTP, DHCP, HTTP		
Internet	Built-In HTTP Web Server, DHCP Client		
Event Controls			
Trigger By	Motion Detect		
Alarm Notifications	FTP/Mail motion image, Message		
Images			
Compression	JPEG/MJPEG		
Bandwidth Control	Frame Rate Controls		
	NTSC:640x480/320x240/160x120		
Format	PAL: 640x480/352x288/176x144		
	25 fps @ 320x240		
Frame Rate	20 fps @ 352x288		
Quality	5 Level Image Quality		
Image adjustments	Brightness / Saturation / Contrast / Hue		
Security Controls			
Access Control	Administrator / User Level Password Protection		
Configuration	Http Port configurable		
Log	Historical Access Log Management		
Operating Environment			
Temperature	5°C~50°C(45°F~125°F)		
Humidity	20% ~ 80%		
LED Indications	Power, Network		

Device manual of Video Server

Dimension	56mm(W) x 31mm(H) x 92mm(L)
Remote Viewing	Windows 98/2000/XP IE5.X or above

5. Appendix

Dictation

TCP/IP:

Transport Control Protocol/Internet Protocol, the protocol used to transmit data between hosts in Internet, which provides data verification and error protection

Web:

World Wide Web service is used on Internet widely, It's provides interactive rich content by using a web browser

Firmware:

A program built in hardware, which is used to control the hardware, provides software level functions

MJPEG:

Motion JPEG compression algorithm, use to compress digital video

MPEG:

International standard video compression algorithm

DHCP:

Dynamic host configuration protocol, used on IP network perform IP address, gateway, DNS server assignment, etc for client computers

DNS:

Domain Name Server/Service is used to translate domain name in to IP address

LAN:

Local area network

WAN:

Wide area network, normally Internet

FTP:

File transportation protocol, used to transmit files between server and client

POP:

Post office Protocol provides Email storage and receive service

SMTP:

Simple mail transportation protocol, provides Email delivery and relay service

Hub:

Physical layer network inter-link device, which simply connect ports together and broadcasting the data packet to all the port.

Switch:

Data link layer network inter-link device, which provides end-to-end data packet forwarding,

Router:

Network layer device, which connect networks and provides the function named "Routing" to find the best way to transport data from source to destination

CGI:

Common gateway interface, a kind of program, running on a web server to provides dynamic data process function and interacts with users' action

ActiveX:

Concept and standard gave by Microsoft, which separates program into functioning pieces named ActiveX Control. These control can be embed into users' program to give their specific function.

Use CGI command to setup GPIO and Events

How to configure GPIO Process?

How to setup DI type in the device

http://ServerIP/SetDIType.cgi? Channel=<1>& Enable=<FALSE | TRUE>& Type=<"NC"|"NO"> Example: Set channel 1 (Input channel) into 'NC' type

http://192.168.2.1/SetDIType.cgi? Channel=1&Type=NC&Enable=TRUE

How to get DI type in the device

http://ServerIP/GetDIType.cgi

How to get DI status into the device

http://ServerIP/GpioInput.cgi? Example: Get channel status from channel 0 to channel 1 http://192.168.2.1/GpioInput.cgi?

How to set Do status into the device

http://ServerIP/GpioOutput.cgi? Value=ON|OF Value - 0: LOW 1: HIGH Example: Set channel 1 (output channel) into LOW http://192.168.2.1/GpioOutput.cgi? Value=ON|OFF

How to Configure Event Process

How to setup event status?

http://ServerIP/SetEvent.cgi?Reset=<FALSE|TRUE>&Index=<Value>&Input_

Type=<0|1>&Enable Flag=<FALSE|TRUE>&Action FTP=<ON|OFF>&Action MAIL=<ON|OFF>&Action DO=<ON|OFF>&Action MSG=<ON|OFF>&Actio n PRESET=<ON|OFF> Index=0~2 event index from 0 to 2 Input Type: 0 = Digital Input, 1 = Motion detection Enable_Flag:FALSE|TRUE, TRUE=ENABLE, FALSE=DISABLE Action_FTP=<ON|OFF> Action_MAIL=<ON|OFF> Action_DO=<ON|OFF> Action_MSG=<ON|OFF> Action_PRESET=<ON|OFF> Input_index=<Value> Output_index=<Value> Reset=<FALSE|TRUE> clean all the event Example : Setup an Event=> DI trigger "DO" and "MAIL" in first event(that means index = 0)

http://192.168.2.1/SetEvent.cgi?Index=0&Input_Type=0&Enable_Flag=TRUE&Action_F TP=ON&Action_DO=ON

How to get event status?

http://ServerIP/GetEvent.cgi?Index=<0~2> Index=0~2 Example: Get Event index =1 http:\\192.168.2.1\GetEvent.cgi?Index=1

Scenario: Use DI to trigger event and send images through Mail and FTP

This scenario can help you to simulate use our digital input to send Mail or FTP into remote side.

Turn FTP Service on the server

Enable DI status to "ON"

Exp: http://ServerIP/SetDIType.cgi? Channel=1&Type=NC

Turn On FTP and Email



Setup Event status

http://192.168.2.1/SetEvent.cgi?

Index=0&Input_Type=0&Enable_Flag=TRUE&Action_FTP=ON&Action_MAIL=ON

Check DI type status

http://ServerIP/GetDIType.cgi Channel = 1 Enable = 1 Type = NO

Check Event Status

http://192.168.2.38/GetEvent.cgi

Index =0, Input_Type=DI, Enable_Flag=1, Action_Type= FTP MAIL

Click on DI and you can check your mail box and FTP services