



Network Camera CGI File Specification

V1.0.1.1

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1. General Description

The document describes the methods to control LevelOne WCS6020/6050. By using the CGI parameters, developers can develop their client application. In the following sections, the word ‘Read’ means to get value from IP camera, and the word ‘Write’ means to write value to IP camera.

Read parameters

Note: This request requires administrator access

Method: GET/POST

Syntax:

`http://<servername>/cgi-bin/config_xxx?Act=<value>[&<parameter>]...`

Where the value of “Act” should be “1” or “3”. The value “1” means to read all parameters of the selected file. And the value “3” means to read the selected parameters of the selected file.

****config_xxx*** is the selected cgi file.

The following is an example to read all parameters.

Request:

`http://192.168.0.123/cgi-bin/config_time?Act=1`

Response:

`HTTP/1.0 200 OK\r\n`

`Cache-Control: no-cache\r\n`

`Pragma: no-cache\r\n`

`Content-Type: text/html\r\n`

`\r\n`

`TitleBar=Network Pan/Tilt Camera\r\n`

`Desp=Day/Night IP CAM with P/T\r\n`

`Language=en_US\r\n`

`NTPEN=0\r\n`

`NTPName=time.stdtime.gov.tw\r\n`

`NTPPoll=12\r\n`

```
Timezone=20\n
DayLight=0\n
LEDEN=0\n
Date=2000/01/01\n
Time=00:25:45\n
SECUEN=0\n
[200 Successfully]
```

*a parameter pair is as “<parameter>=<value>\n”.

The following is an example to read the selected parameters of the selected file.

Request:

```
http://192.168.0.123/ cgi-bin/config_time?Act=3&Page=1&TitleBar&NTPName
```

Response:

```
HTTP/1.0 200 OK\r\n
Cache-Control: no-cache\r\n
Pragma: no-cache\r\n
Content-Type: text/html\r\n
\r\n
TitleBar=Network Pan/Tilt Camera\n
NTPName=time.stdtime.gov.tw\n
[200 Successfully]
```

Write parameters

Note: This request require administrator access

Method: GET/POST

Syntax:

```
http://<servername>/cgi-bin/config_<xxx>?Act=2&<parameter>=<value>
[&<parameter>=<value>]...
```

Where the value of “Act” should be “2”.

***config_<xxx>** is the selected cgi file.

The following is an example to write parameters.

Request:

```
http://192.168.0.123/cgi-bin/config_time?Act=2&TitleBar=PT Cam&NTPName=
time.stdtime.gov.tw
```

Response:

```
HTTP/1.0 200 OK\r\n
```

```
Cache-Control: no-cache\r\n
```

```
Pragma: no-cache\r\n
```

```
Content-Type: text/html\r\n
```

```
\r\n
```

```
[200 Successfully]
```

2. System Information Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

http://<servername>/cgi-bin/config_sysinfo.cgi?Act=<value>[&<parameter>[=<value>]]...

NAME	VALUE	DESCRIPTION
Desp (r/w)	<Text string shorter than 32 characters>	< Day/Night IP CAM with P/T >
TitleBar (r/w)	<Text string shorter than 32 characters>	Host name of camera < Network Pan/Tilt Camera >
LEDEN (r/w)	0	Do not turn off the led indicator
	1	Turn off the led indicator
ModelName (r)	<Text string shorter than 32 characters>	Model alias of camera
BrandName (r)	<Text string shorter than 32 characters>	Brand Name < AI >
FormatList (r)	<Text string shorter than 20 characters>	Codec < H.264/MPEG4/MJPEG >
ResolutionList (r)	<Text string shorter than 60 characters>	Resolution (width)x(height) < 1920x1080/1280x1024/1280x800/640x480/320x240/176x144 >
SPT (r)	<Text string shorter than 7 characters>	Support PT < false > or < true >
SZoom (r)	<Text string shorter than 7 characters>	Support Zoom < false > or < true >
SaudIn (r)	<Text string shorter than 7 characters>	Support Audio In < false > or < true >
SaudOut (r)	<Text string shorter than 7 characters>	Support Audio Out < false > or < true >
CGIVer (r)	x.x.x.x	CGI files version (the initial version is 1.0.0.0)

3. Time Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

http://<servername>/cgi-bin/config_time.cgi?Act=<value>[&<parameter>[=<value>]]...
--

NAME	VALUE	DESCRIPTION
NTPEN (r/w)	0	Using the ntp time server.
	1	
NTPName (r/w)	<Text string shorter than 256 characters>	The address of the time server < time.stdtime.gov.tw >
NTPPoll (r/w)	0	NTP check interval time 1 hr
	1	NTP check interval time 1 day
	2	NTP check interval time 1 week
	3	NTP check interval time 1 month
Timezone (r/w)	0	(GMT-12:00) Eniwetok Kwajalein
	1	(GMT-11:00) Midway Island, Samoa
	2	(GMT-10:00) Hawaii
	3	(GMT-09:00) Alaska
	4	(GMT-08:00) Las vegas, San Francisco, Vancouver
	5	(GMT-07:00) Mountain time,Denver
	6	(GMT-07:00) Arizonaver
	7	(GMT-06:00) Central time(US and Canada)
	8	(GMT-06:00) Mexico city
	9	(GMT-06:00) Saskatchewan
	10	(GMT-05:00) Eastern time, New york, Toronto
	11	(GMT-05:00) Bogota, Lima, Quito, Indiana
	12	(GMT-04:30) Caracas
	13	(GMT-04:00) Atlantic time(Canada), La Paz, Santiago
	14	(GMT-03:30) Newfoundland

	15	(GMT-03:00) Brasilia, Buenos Aires, Georgetown, Greenland
	16	(GMT-02:00) Mid-Atlantic
	17	(GMT-01:00) Azores, Cape Verde Is
	18	(GMT) Casablanca, Greenwich Mean Time:Dublin, Edinburgh, Lisbon, London
	19	(GMT+01:00) Amsterdam, Berlin, Rome, Stockholm, Vienna, Madrid, Paris
	20	(GMT+01:00) Warsaw, Budapest, Bern
	21	(GMT+02:00) Athens, Helsinki, Istanbul, Riga
	22	(GMT+02:00) Cairo
	23	(GMT+02:00) Lebanon, Minsk
	24	(GMT+02:00) Israel
	25	(GMT+03:00) Baghdad, Kuwait, Riyadh, Moscow, St. Petersburg, Nairobi
	26	(GMT+03:00) Iraq
	27	(GMT+03:30) Tehran
	28	(GMT+04:00) Abu Dhabi, Muscat, Baku, Tbilisi, Yerevan
	29	(GMT+04:30) Kabul
	30	(GMT+05:00) Katerinburg, Islamabad, Karachi, Tashkent
	31	(GMT+05:30) Calcutta, Chennai, Mumbai, New Delhi
	32	(GMT+05:45) Kathmandu
	33	(GMT+06:00) Almaty, Novosibirsk, Astana, Dhaka, Sri Jayawardenepura
	34	(GMT+06:30) Rangoon
	35	(GMT+07:00) Bangkok, Hanoi, Jakarta, krasnoyarsk
	36	(GMT+08:00) Beijing Chongging, Hong Hong, Kuala Lumpur, Singapore, Taipei
	37	(GMT+09:00) Osaka, Sapporo, Tokyo, Seoul, Yakutsk
	38	(GMT+09:30) Adelaide, Darwin
	39	(GMT+10:00) Brisbane, Canberra, Melbourne, Sydney, Guam, Vladivostok

	40	(GMT+11:00) Magadan, Solomon Is., New Caledonia
	41	(GMT+12:00) Aucklan, Wellington, Fiji, Kamchatka, Marshall Is
	42	(GMT+13:00) Nuku'alofa
DayLight (r/w)	0	Using day light saving mode
	1	
Date (r/w)	<yyyy/mm/dd>	Year, month and date separated by slash. The parameter should be set with “Time” at the same time.
Time (r/w)	<hh:mm:ss>	Hour, minute and second separated by colon. The parameter should be set with “Date” at the same time.

4. Digital I/O Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_dido.cgi?Act=<value>[&<parameter>[=<value>]]...</code>

NAME	VALUE	DESCRIPTION
Di_Stats (r)	0	Digital Input is Low
	1	Digital Input is High
Do_Stats (r/w)	0	Digital Output Set Low
	1	Digital Output Set High

5. Security Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

http://<servername>/cgi-bin/config_security.cgi?Act=<value>[&<parameter>[=<value>]]...

NAME	VALUE	DESCRIPTION
User_name<0~20> (r)	<Text string shorter than 16 characters>	The user name. The User_name 0 is root.
User_password<0~20> (r)	<Text string shorter than 14 characters>	The user's password. The User_password 0 is root's password.
usercount (r)	1 ~ 21	The current account number on the server including root.
User (w)	<Text string shorter than 16 characters>	When setting the parameter with "Password" and "AuthMode " at same time, it means add a new user or change the password or change privilege. When only setting this parameter, it means delete a existed user.
Password (w)	<Text string shorter than 14 characters>	When setting the parameter with "User" and "AuthMode " at same time, it means add a new user or change the password or change privilege. When only setting "User", it means delete a existed user.
AuthMode (w)	1	Administrator
	2	Operator
	3	Viewer

6. Network Configuration

Note: This request requires administrator access

Method: GET/POST

* write the parameters at this file will cause system reboot

Syntax:

`http://<servername>/cgi-bin/config_network.cgi?Act=<value>[&<parameter>[=<value>]]...`

NAME	VALUE	DESCRIPTION
IPType (r/w)	0	LAN/DHCP
	1	LAN/Fixed ip
	2	PPPoE
	3	Wireless Mode
WIPType (w)	0	Wireless LAN/DHCP
	1	Wireless LAN/Fixed ip
PPPoE (r)	0	Disable PPPoE
	1	Enable PPPoE
PAccount (r/w)	<Text string shorter than 32 characters>	PPPoE account user name <blank>
PPwd (r/w)	<Text string shorter than 32 characters>	PPPoE account password <blank>
PVP (r/w)	<Text string shorter than 32 characters>	PPPoE account password verification <blank>
IPAddr (r/w)	<IP address>	IP address of server <192.168.0.99>
Netmask (r/w)	<IP address>	Subnet mask <255.255.255.0>
Gateway (r/w)	<IP address>	Default gateway <192.168.0.1>
DNS1 (r/w)	<IP address>	Primary DNS server <168.95.1.1>
DNS2 (r/w)	<IP address>	Secondary DNS server <192.168.0.254>
UpnPE (r/w)	0	Disable UPnP
	1	Enable UPnP
Wireless	0	Enable wireless mode

(r)	1	
WireType	0	Adhoc mode
(r/w)	1	Infrastructure mode
WireSec	0	None data encryption
(r/w)	1	WEP data encryption
	2	WPA-PSK data encryption
	3	WPA2-PSK data encryption
SSID	<Text string shorter than 32 characters>	SSID for wireless lan settings <default>
WireCh	0~14	“0” means auto, the valid value is according to the product area. <0>
ChType	0	Channel 1 ~ 11 is valid
(r)	1	Channel 1 ~ 13 is valid
	2	Channel 1 ~ 14 is valid
	3	Channel 10 ~ 13 is valid
	4	Channel 10 ~ 11 is valid
	5	Channel 5 ~ 13 is valid
WEPAuthM	Open	Open mode
(r/w)	Shared	Shared mode
WepKeyL	(64 , 128)	Key length in bits <64>
WEPMode	0	WEPKey0 ~ WEPKey3 will be represented in HEX format
(r/w)	1	WEPKey0 ~ WEPKey3 will be represented in ASCII format
WEPKey0	<Text string shorter than 58 characters> (depends on WEPMode & WepKeyL)	WEP key0 for encryption
WEPKey1	<Text string shorter than 58 characters> (depends on WEPMode & WepKeyL)	WEP key1 for encryption
WEPKey2	<Text string shorter than 58 characters> (depends on WEPMode & WepKeyL)	WEP key2 for encryption
(r/w)		

WEPKey3 (r/w)	<Text string shorter than 58 characters> (depends on WEPMode & WepKeyL)	WEP key3 for encryption
WEPKeyE0 (r/w)	1 ~ 4	Default key number <1>
WPAKey (r/w)	<text string shorter than 58 characters>	WPA-PSK key for encryption
WPAEnc (r/w)	0	AES data encryption algorithm for WPA-PSK
	1	TKIP data encryption algorithm for WPA-PSK
TxRate (r/w)	"Auto", "1M", "2M", "5.5M", "11M", "6M", "9M", "12M", "18M", "24M", "36M", "48M", "54M"	Transmit rate in Mbps <Auto>
HttpPort (r/w)	<positive number less than 65535>	HTTP port <80>
ExtHttpPort (r/w)	<positive number less than 65535>	External HTTP port <80>
HttpsPort (r/w)	<positive number less than 65535>	HTTP port <443>
ExtHttpsPort (r/w)	<positive number less than 65535>	External HTTP port <443>
RTSPPort (r/w)	<positive number less than 65535>	RTSP port <554>
ExtRTSPPort (r/w)	<positive number less than 65535>	External RTSP port <554>
RTPPort (r/w)	<positive number less than 65535>	Video channel port <54>
WPS (r)	0	Disenable
	1	Enable
WPS_ACK (r)	0	WPS Failed
	1	WPS Success
Stream1Name (r/w)	<Text string shorter than 32 characters>	The access name of stream1 <live1>
Stream2Name (r/w)	<Text string shorter than 32 characters>	The access name of stream2 <live2>

7. DDNS Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_ddns.cgi?Act=<value>[&<parameter>[=<value>]]...</code>

NAME	VALUE	DESCRIPTION
DDNS (r/w)	0	Enable the 3 rd DDNS.
	1	Enable the ip-discovery DNS server.
DDNSSrv (r/w)	0	Dyndns.org(Dynamic)
	1	Dyndns.org(Static)
	2	Dyndns.org(Custom)
	3	Freedns.afraid.org
	4	Zoneedit.com
	5	No-ip.com
	6	3322.org
	7	Easydns.com
DDNSHost (r/w)	<Text string shorter than 127 characters>	Your dynamic hostname. <blank>
DDNSUser (r/w)	<Text string shorter than 63 characters>	Your user to login ddns service provider <blank>
DDNSPwd (r/w)	<Text string shorter than 20 characters>	Your password to login ddns service provider <blank>
IPDYHost (r/w)	<Text string shorter than 20 characters>	Your ipdiscovery hostname. <blank>
IPDYEmail (r/w)	<Text string shorter than 32 characters>	Your Email to receive service message. <blank>

Ex: The following is an example to enable ip-discovery server.

`http://192.168.0.123/cgi-bin/config_ddns?Act=2&DDNS=1&IPDYHost=barry&IPD`

`YEmail=abc@gmail.com`

8. Access List Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_accesslist.cgi?Act=<value>[&<parameter>[=<value>]]...</code>

NAME	VALUE	DESCRIPTION
AccEn (r/w)	0	Disable Accesslist.
	1	Enable Accesslist when setting the action.
AccMode (r/w)	0	Del the AccID. When setting the parameter with “AccID” at same time. Ex: AccMode=<number>&AccID=<number>
	1	Add the access denied list. When setting the parameter with “AccS” and “AccE” at same time. Ex: AccMode=<number>&AccS=<IP address>&AccE=<IP address>
AccID (r/w)	0 ~ 9	Connection deny IP address table. When setting the parameter with “AccMode” at same time. Ex: AccMode=<number>&AccID=<number>
AccS<0~9> (w)	<IP address>	Start IP Address <192.168.0.99>
AccE<0~9> (w)	<IP address>	End IP Address <192.168.0.99>
AccNum (r)	0~10	The current AccID number.

9. Video Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_video.cgi?Act=<value>[&<parameter>[=<value>]]...</code>
--

NAME	VALUE	DESCRIPTION
VColor	0	Monochrome
(r/w)	1	Color
VFlp	1	Flip image
(r/w)	0	Normal image
VMir	1	Mirror image
(r/w)	0	Normal image
Vbright	-5 ~ 5	Default Bright number.
(r/w)		
Vsatur	-5 ~ 5	Default Saturant number.
(r/w)		
Vcontras	-5 ~ 5	Default Contrast number.
(r/w)		
Vsharpness	-5 ~ 5	Default Sharpness number.
(r/w)		
Vluminance	< 2,1, 0.7, 0.3, 0, -0.3, -0.7, -1, -2 >	Luminance.
(r/w)		
VGmin	< 1, 2, 4, 8, 16, 32, 64 >	Normally, the minimum value is to 1x for better quality. It is not allowed if the maximum slider and the minimum one are set to the same value without adjustable interval.
(r/w)		
VGmax	< 1, 2, 4, 8, 16, 32, 64 >	Ditto.
(r/w)		

10. Audio Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_audio.cgi?Act=<value>[&<parameter>[=<value>]]...</code>
--

NAME	VALUE	DESCRIPTION
MicE (r/w)	0	Disable Mic (mute)
	1	Enable Mic
MicIV (r/w)	1 ~ 46	Internal Mic Volume <40>
MicEV (r/w)	1 ~ 46	External Mic Volume <40>
MicSource (r/w)	0	Internal microphone
	1	External microphone

11. Stream Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

http://<servername>/cgi-bin/config_stream.cgi?Act=<value>[&<parameter>[=<value>]]...
--

NAME	VALUE	DESCRIPTION
AType (r/w)	0	AMR stream
	1	AAC stream
Arate (r/w)	3	For AMR, the value is valid between “0” and “7”. And for AAC, the value is valid between “0” and “3”.
S1Codec (r/w) *obsolete	0	Local Stream 1 codec is H.264
	1	Local Stream 1 codec is MPEG4
	2	Local Stream 1 codec is MJPEG
S2Codec (r/w) *obsolete	0	Local Stream 2 codec is H.264
	1	Local Stream 2 codec is MPEG4
	2	Local Stream 2 codec is MJPEG
S1CodecName (r/w)	<Text string shorter than 8 characters>	The codec name for local stream 1 (reference FormatList) < H.264 >
S2CodecName (r/w)	<Text string shorter than 8 characters>	The codec name for local stream 2 (reference FormatList) < MPEG4 >
EINT (r/w)	0	Local mode for Stream
	1	Remote mode for Stream
iS1Codec (r/w) *obsolete	0	Remote Stream 1 codec is H.264
	1	Remote Stream 1 codec is MPEG4
	2	Remote Stream 1 codec is MJPEG
iS2Codec (r/w) *obsolete	0	Remote Stream 2 codec is H.264
	1	Remote Stream 2 codec is MPEG4
	2	Remote Stream 2 codec is MJPEG
iS1CodecName (r/w)	<Text string shorter than 8 characters>	The codec name for remote stream 1 (reference FormatList) < H.264 >
iS2CodecName (r/w)	<Text string shorter than 8 characters>	The codec name for remote stream 2 (reference FormatList) < MPEG4 >
S1Size	0	Local Stream 1 video size is 1920x1080

(r/w) *obsolete	1	Local Stream 1 video size is 1280x1024
	2	Local Stream 1 video size is 1280x800
	3	Local Stream 1 video size is 640x480
	4	Local Stream 1 video size is 320x240
	5	Local Stream 1 video size is 176x144
S2Size (r/w) *obsolete	0	Local Stream 2 video size is 1920x1080
	1	Local Stream 2 video size is 1280x1024
	2	Local Stream 2 video size is 1280x800
	3	Local Stream 2 video size is 640x480
	4	Local Stream 2 video size is 320x240
	5	Local Stream 2 video size is 176x144
S1SizeName (r/w)	<Text string shorter than 16 characters>	The video size for local stream 1 (reference ResolutionList) For example, 1920x1080
S2SizeName (r/w)	<Text string shorter than 16 characters>	The video size for local stream 2 (reference ResolutionList) For example, 1280x800
iS1Size (r/w) *obsolete	0	Remote Stream 1 video size is 1920x1080
	1	Remote Stream 1 video size is 1280x1024
	2	Remote Stream 1 video size is 1280x800
	3	Remote Stream 1 video size is 640x480
	4	Remote Stream 1 video size is 320x240
	5	Remote Stream 1 video size is 176x144
iS2Size (r/w) *obsolete	0	Remote Stream 2 video size is 1920x1080
	1	Remote Stream 2 video size is 1280x1024
	2	Remote Stream 2 video size is 1280x800
	3	Remote Stream 2 video size is 640x480
	4	Remote Stream 2 video size is 320x240
	5	Remote Stream 2 video size is 176x144
iS1SizeName (r/w)	<Text string shorter than 16 characters>	The video size for remote stream 1 (reference ResolutionList) For example, 1920x1080
iS2SizeName (r/w)	<Text string shorter than 16 characters>	The video size for remote stream 2 (reference ResolutionList) For example, 1280x1024
S1BitRate (r/w)	0	Local Stream 1 H.264/Mpeg4 bit rate set is 20Kbps
	1	Local Stream 1 H.264/Mpeg4 bit rate set is 30Kbps
	2	Local Stream 1 H.264/Mpeg4 bit rate set is 40Kbps
	3	Local Stream 1 H.264/Mpeg4 bit rate set is 50Kbps
	4	Local Stream 1 H.264/Mpeg4 bit rate set is 64Kbps
	5	Local Stream 1 H.264/Mpeg4 bit rate set is 128Kbps

	6	Local Stream 1 H.264/Mpeg4 bit rate set is 256Kbps
	7	Local Stream 1 H.264/Mpeg4 bit rate set is 384Kbps
	8	Local Stream 1 H.264/Mpeg4 bit rate set is 512Kbps
	9	Local Stream 1 H.264/Mpeg4 bit rate set is 768Kbps
	10	Local Stream 1 H.264/Mpeg4 bit rate set is 1Mbps
	11	Local Stream 1 H.264/Mpeg4 bit rate set is 1.5Mbps
	12	Local Stream 1 H.264/Mpeg4 bit rate set is 2Mbps
	13	Local Stream 1 H.264/Mpeg4 bit rate set is 3Mbps
	14	Local Stream 1 H.264/Mpeg4 bit rate set is 4Mbps
	15	Local Stream 1 H.264/Mpeg4 bit rate set is 8Mbps
	16	Local Stream 1 H.264/Mpeg4 bit rate set is 12Mbps
S2BitRate (r/w)	0	Local Stream 2 H.264/Mpeg4 bit rate set is 20Kbps
	1	Local Stream 2 H.264/Mpeg4 bit rate set is 30Kbps
	2	Local Stream 2 H.264/Mpeg4 bit rate set is 40Kbps
	3	Local Stream 2 H.264/Mpeg4 bit rate set is 50Kbps
	4	Local Stream 2 H.264/Mpeg4 bit rate set is 64Kbps
	5	Local Stream 2 H.264/Mpeg4 bit rate set is 128Kbps
	6	Local Stream 2 H.264/Mpeg4 bit rate set is 256Kbps
	7	Local Stream 2 H.264/Mpeg4 bit rate set is 384Kbps
	8	Local Stream 2 H.264/Mpeg4 bit rate set is 512Kbps
	9	Local Stream 2 H.264/Mpeg4 bit rate set is 768Kbps
	10	Local Stream 2 H.264/Mpeg4 bit rate set is 1Mbps
	11	Local Stream 2 H.264/Mpeg4 bit rate set is 1.5Mbps
	12	Local Stream 2 H.264/Mpeg4 bit rate set is 2Mbps
	13	Local Stream 2 H.264/Mpeg4 bit rate set is 3Mbps
	14	Local Stream 2 H.264/Mpeg4 bit rate set is 4Mbps
	15	Local Stream 2 H.264/Mpeg4 bit rate set is 8Mbps
	16	Local Stream 2 H.264/Mpeg4 bit rate set is 12Mbps
iS1BitRate (r/w)	0	Remote Stream 1 H.264/Mpeg4 bit rate set is 20Kbps
	1	Remote Stream 1 H.264/Mpeg4 bit rate set is 30Kbps
	2	Remote Stream 1 H.264/Mpeg4 bit rate set is 40Kbps
	3	Remote Stream 1 H.264/Mpeg4 bit rate set is 50Kbps
	4	Remote Stream 1 H.264/Mpeg4 bit rate set is 64Kbps
	5	Remote Stream 1 H.264/Mpeg4 bit rate set is 128Kbps
	6	Remote Stream 1 H.264/Mpeg4 bit rate set is 256Kbps
	7	Remote Stream 1 H.264/Mpeg4 bit rate set is 384Kbps
	8	Remote Stream 1 H.264/Mpeg4 bit rate set is 512Kbps

	9	Remote Stream 1 H.264/Mpeg4 bit rate set is 768Kbps
	10	Remote Stream 1 H.264/Mpeg4 bit rate set is 1Mbps
	11	Remote Stream 1 H.264/Mpeg4 bit rate set is 1.5Mbps
	12	Remote Stream 1 H.264/Mpeg4 bit rate set is 2Mbps
	13	Remote Stream 1 H.264/Mpeg4 bit rate set is 3Mbps
	14	Remote Stream 1 H.264/Mpeg4 bit rate set is 4Mbps
	15	Remote Stream 1 H.264/Mpeg4 bit rate set is 8Mbps
	16	Remote Stream 1 H.264/Mpeg4 bit rate set is 12Mbps
iS2BitRate (r/w)	0	Remote Stream 2 H.264/Mpeg4 bit rate set is 20Kbps
	1	Remote Stream 2 H.264/Mpeg4 bit rate set is 30Kbps
	2	Remote Stream 2 H.264/Mpeg4 bit rate set is 40Kbps
	3	Remote Stream 2 H.264/Mpeg4 bit rate set is 50Kbps
	4	Remote Stream 2 H.264/Mpeg4 bit rate set is 64Kbps
	5	Remote Stream 2 H.264/Mpeg4 bit rate set is 128Kbps
	6	Remote Stream 2 H.264/Mpeg4 bit rate set is 256Kbps
	7	Remote Stream 2 H.264/Mpeg4 bit rate set is 384Kbps
	8	Remote Stream 2 H.264/Mpeg4 bit rate set is 512Kbps
	9	Remote Stream 2 H.264/Mpeg4 bit rate set is 768Kbps
	10	Remote Stream 2 H.264/Mpeg4 bit rate set is 1Mbps
	11	Remote Stream 2 H.264/Mpeg4 bit rate set is 1.5Mbps
	12	Remote Stream 2 H.264/Mpeg4 bit rate set is 2Mbps
	13	Remote Stream 2 H.264/Mpeg4 bit rate set is 3Mbps
	14	Remote Stream 2 H.264/Mpeg4 bit rate set is 4Mbps
	15	Remote Stream 2 H.264/Mpeg4 bit rate set is 8Mbps
	16	Remote Stream 2 H.264/Mpeg4 bit rate set is 12Mbps
S1Qtype (r/w)	0	Local Stream 1 H.264/Mpeg4 video quality type is Constant bit rate
	1	Local Stream 1 H.264/Mpeg4 video quality type is Quality
S2Qtype (r/w)	0	Local Stream 2 H.264/Mpeg4 video quality type is Constant bit rate
	1	Local Stream 2 H.264/Mpeg4 video quality type is Quality
iS1Qtype (r/w)	0	Remote Stream 1 H.264/Mpeg4 video quality type is Constant bit rate
	1	Remote Stream 1 H.264/Mpeg4 video quality type is Quality
iS2Qtype (r/w)	0	Remote Stream 2 H.264/Mpeg4 video quality type is Constant bit rate
	1	Remote Stream 2 H.264/Mpeg4 video quality type is Quality

S1Frate (r/w)	1~30	Setting Local Stream 1 maximum frame rate <20>
S2Frate (r/w)	1~30	Setting Remote Stream 2 maximum frame rate <30>
iS1Frate (r/w)	1~30	Setting Remote Stream 1 maximum frame rate <3>
iS2Frate (r/w)	1~30	Setting Remote Stream 2 maximum frame rate <15>
S1Quality (r/w)	H.264 <4~40>	Setting Local Stream 1 video quality
	Mpeg4 <4~40>	The better quality with the smaller value
S2Quality (r/w)	H.264 <4~40>	Setting Local Stream 2 video quality
	Mpeg4 <4~40>	The better quality with the smaller value
iS1Quality (r/w)	H.264 <4~40>	Setting Remote Stream 1 video quality
	Mpeg4 <4~40>	The better quality with the smaller value
iS2Quality (r/w)	H.264 <4~40>	Setting Remote Stream 2 video quality
	Mpeg4 <4~40>	The better quality with the smaller value
S1MJQuality (r/w)	Mjpeg <4~40>	Setting Local Stream 1 video quality The better quality with the smaller value
S2MJQuality (r/w)	Mjpeg <4~40>	Setting Local Stream 2 video quality The better quality with the smaller value
iS1MJQuality (r/w)	Mjpeg <4~40>	Setting Remote Stream 1 video quality The better quality with the smaller value
iS2MJQuality (r/w)	Mjpeg <4~40>	Setting Remote Stream 2 video quality The better quality with the smaller value
S1KI (r/w)	0	Setting Local Stream 1 the intra frame period 10
	1	Setting Local Stream 1 the intra frame period 15
	2	Setting Local Stream 1 the intra frame period 25
	3	Setting Local Stream 1 the intra frame period 30
	4	Setting Local Stream 1 the intra frame period 60
	5	Setting Local Stream 1 the intra frame period 120

S2KI (r/w)	0	Setting Local Stream 2 the intra frame period 10
	1	Setting Local Stream 2 the intra frame period 15
	2	Setting Local Stream 2 the intra frame period 25
	3	Setting Local Stream 2 the intra frame period 30
	4	Setting Local Stream 2 the intra frame period 60
	5	Setting Local Stream 2 the intra frame period 120
iS1KI (r/w)	0	Setting Local Stream 1 the intra frame period 10
	1	Setting Local Stream 1 the intra frame period 15
	2	Setting Local Stream 1 the intra frame period 25
	3	Setting Local Stream 1 the intra frame period 30
	4	Setting Local Stream 1 the intra frame period 60
	5	Setting Local Stream 1 the intra frame period 120
iS2KI (r/w)	0	Setting Local Stream 2 the intra frame period 10
	1	Setting Local Stream 2 the intra frame period 15
	2	Setting Local Stream 2 the intra frame period 25
	3	Setting Local Stream 2 the intra frame period 30
	4	Setting Local Stream 2 the intra frame period 60
	5	Setting Local Stream 2 the intra frame period 120

12. Camera Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_camera.cgi?Act=<value>[&<parameter>[=<value>]]...</code>

NAME	VALUE	DESCRIPTION
PanSpeed (r/w)	5	Pan at 5 degree
	10	Pan at 10 degree
	15	Pan at 15 degree
	20	Pan at 20 degree
	25	Pan at 25 degree
	30	Pan at 30 degree
	35	Pan at 35 degree
	40	Pan at 40 degree
	45	Pan at 45 degree
	50	Pan at 50 degree
	55	Pan at 55 degree
TiltSpeed (r/w)	5	Tilt at 5 degree
	10	Tilt at 10 degree
	15	Tilt at 15 degree
	20	Tilt at 20 degree
	25	Tilt at 25 degree
	30	Tilt at 30 degree
	35	Tilt at 35 degree
	40	Tilt at 40 degree
	45	Tilt at 45 degree
	50	Tilt at 50 degree
	55	Tilt at 55 degree
AutoSpeed (r/w)	1	The fastest auto pan speed
	2	
	3	
	4	
	5	The slowest auto pan speed

DWellTime (r/w)	none	The patrol list is empty
	TxTxTx...Tx	The 'x' means the preset point dwell time, Default x is 10 sec.
PatrolCycle (r/w)	1/10/20/30/50	The cycle of auto patrol <1>
PatrolSpeed (r/w)	1	The fastest auto patrol speed
	2	
	3	
	4	
	5	The slowest auto patrol speed
PtIndex (r)	0 ~ 20	the number of current preset point
Patrol (r)	none	The patrol list is empty
	PxPxPx...Px	The 'x' means the preset point number, which is valid form 0 ~ 20
HomeLoc (r)	255/38&	The coordinate of original point, the first value is x coordinate, and the second is y coordinate
PanRange (r)	0/511	The coordinate of original Pan Range, the first value is X1, and the second is X2
P <1~20> (r)	0/0&Name	The coordinate of preset point, the first value is x coordinate, the second is y coordinate, the third is the z coordinate and the fourth is the preset name. If the preset point is empty, it is the format like the left column. And if it is not empty, the format may looks like the following: <i>8026/1030/1000&test1</i>
Sethome (w)	0	Restore default original point
	1	Set current coordinate as original point
AddPreset (w)	Text string shorter than 22 characters.	Set current coordinate as a preset point
DelPreset (w)	1 ~ 20	Delete the specified preset point Ex: DelPreset=3 The point P3 will be deleted

SetPatrol (w)	Text string shorter than 50 characters.	Set the patrol list Ex: SetPatrol=P5P3P2P1
------------------	--	---

13. Email Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

`http://<servername>/cgi-bin/config_email.cgi?Act=<value>[&<parameter>[=<value>]]...`

NAME	VALUE	DESCRIPTION
Emode (r/w)	0	SMTP
	1	TLS
	2	SSL
EvtFrom (r/w)	<String shorter than 64 characters>	Return email address <blank>
EvtSubject (r/w)	<String shorter than 64 characters>	The email subject <Event from IP Cam>
EvtBody (r/w)	<String shorter than 64 characters>	The email body <This mail is sent from IP Cam>
SMTPADDR (r/w)	<Domain name or IP address, string shorter than 40 characters>	Primary SMTP server <blank>
SMTPPORT (r/w)	<Positive number less than 65535>	Primary SMTP port <25>
SMTPTGT (r/w)	<String shorter than 64 characters>	Mail recipient address <blank>
SMTPUSR (r/w)	<Text string shorter than 32 characters>	User name of primary smtp server <blank>
SMTPPWD (r/w)	<Text string shorter than 15 characters>	Password of primary smtp server <blank>

14. FTP Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_ftp.cgi?Act=<value>[&<parameter>[=<value>]]...</code>
--

NAME	VALUE	DESCRIPTION
FTPADDR (r/w)	<Domain name or IP address, string shorter than 40 characters >	Primary FTP server <blank>
FtpPort (r/w)	<Positive number less than 65535>	Primary FTP port <21>
FTPUSR (r/w)	<Text string shorter than 32 characters>	User name for primary FTP server <blank>
FTPPWD (r/w)	<Text string shorter than 15 characters>	Password for primary FTP server <blank>
FTPDIR (r/w)	<Text string shorter than 40 characters>	Upload folder in primary FTP server <blank>

15. Samba Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_samba.cgi?Act=<value>[&<parameter>[=<value>]]...</code>
--

NAME	VALUE	DESCRIPTION
SbaE (r/w)	0	Disable SAMBA
	1	Enable SAMBA
SbaSvr (r/w)	<String shorter than 64 characters>	SAMBA server < blank >
SbaDomain (r/w)	<String shorter than 40 characters>	SAMBA domain < blank >
SbaUsr (r/w)	<Text string shorter than 32 characters>	User name of SAMBA server < blank >
SbaPwd (r/w)	<Text string shorter than 15 characters>	Password of SAMBA server < blank >
SbaPath (r/w)	<Text string shorter than 64 characters>	Upload folder in SAMBA server < blank >

16. Http Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_http.cgi?Act=<value>[&<parameter>[=<value>]]...</code>

NAME	VALUE	DESCRIPTION
HttpUrl (r/w)	<String shorter than 128 characters>	URL to the server, including name of CGI script to handle the request and http server port if it is not 80. Spaces and & are not allowed. <blank>
Message (r/w)	<String shorter than 32 characters>	Message about the trigger

17. Record Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

`http://<servername>/cgi-bin/config_record.cgi?Act=<value>[&<parameter>[=<value>]]...`

NAME	VALUE	DESCRIPTION
RecEvent (r/w)	0	Disable Record
	1	Enable Record
CRecoed (r/w)	0	Disable cyclic recording
	1	Enable cyclic recording
RecStream (r/w)	1	Record Stream1
	2	Record Stream2
SbaDate (r/w)	0 ~ 127	The parameter indicate weekly schedule. “Sun” means “1”, “Mon” means “2”, “Tue” means “4”, “Wed” means “8”, “Thu” means “16”, “Fri” means “32”, and “Sat” means “64”. Value of the parameter is the sum of selected day. <127>
SbaSchaf (r/w)	0	24 hours full day
	1	Select week day
	2	Select begin time and end time
SbaReYH (r/w)	XXXX	Year of begin time <2011>
SbaReYM (r/w)	1~12	Month of begin time <1>
SbaReYD (r/w)	1~31	Day of begin time <1>
SbaReFH (r/w)	0 ~ 23	Hour of begin time about weekly schedule <0>
SbaReFM (r/w)	0 ~ 59	Minute of begin time about weekly schedule <0>
SbaReFS (r/w)	0~59	Sec of begin time <30>
EbaSeYH	XXXX	Year of end time

(r/w)		< 2012 >
EbaSeYM (r/w)	1~12	Month of end time < 1 >
EbaSeYD (r/w)	1~31	Day of end time < 1 >
SbaReTH (r/w)	0 ~ 23	Hour of end time about weekly schedule < 23 >
SbaReTM (r/w)	0 ~ 59	Minute of end time about weekly schedule < 59 >
SbaReTS (r/w)	0~59	Sec of end time < 59 >
VideoFN (r/w)	<text string shorter than 32 characters>	Video clip file name prefix < videorecord >
NotiType (r/w)	2	Send by samba
	3	Send by SD storage device
	4	Send by USB storage device
VideoSuffix (r/w)	0	No add date and time suffix to file name.
	1	Add date and time suffix to file name

18. Motion Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_motion.cgi?Act=<value>[&<parameter>[=<value>]]...</code>

NAME	VALUE	DESCRIPTION
MotEn<0~2>	off	Disable motion window<0~2>
(r/w)	on	Enable motion window<0~2>
MotLeft<0~2>	0 ~ 320	Left coordinate of window position. <0> for MotLeft 0, <280> for MotLeft 1, <120> for MotLeft 2
(r/w)		
MotTop <0~2>	0 ~ 240	Top coordinate of window position. <0> for MotTop 0 <210> for MotTop 1 <100> for MotTop 2
(r/w)		
MotWidth<0~2>	0 ~ 320	Width of motion detection window. <320>
(r/w)		
MotHeight<0~2>	0 ~ 240	Height of motion detection window. <240> for MotHeight 0 <30> for MotHeight 1 <30> for MotHeight 2
(r/w)		
MotSensity <0~2>	1~100	Sensitivity of motion detection window. <90>
(r/w)		
MotObjsize <0~2>	0~20	Object of motion detection window. <18>
(r/w)		

19. Application Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

http://<servername>/cgi-bin/config_application.cgi?Act=<value>[&<parameter>[=<value>]]...

NAME	VALUE	DESCRIPTION
AppEvent (r/w)	0	Disable application
	1	Enable application
Event (r/w)	0	Disable motion detection
	1	Enable motion detection
Selection (r/w)	0	Using system log file for event trigger
	1	Using snapshot file for event trigger
	2	Using video clip file for event trigger
	3	Using event message for event trigger (only for http and mail)
SbaDate (r/w)	0 ~ 127	The parameter indicate weekly schedule. “Sun” means “1”, “Mon” means “2”, “Tue” means “4”, “Wed” means “8”, “Thu” means “16”, “Fri” means “32”, and “Sat” means “64”. Value of the parameter is the sum of selected day. < 127 >
SbaSchaf (r/w)	0	24 hours full day
	1	Select week day
	2	Select begin time and end time
SbaReYH (r/w)	XXXX	Year of begin time < 2009 >
SbaReYM (r/w)	1~12	Month of begin time < 12 >
SbaReYD (r/w)	1~31	Day of begin time < 30 >
SbaReFH (r/w)	0 ~ 23	Hour of begin time about weekly schedule < 0 >
SbaReFM (r/w)	0 ~ 59	Minute of begin time about weekly schedule < 0 >

SbaReFS (r/w)	0~59	Sec of begin time < 30 >
EbaSeYH (r/w)	XXXX	Year of end time < 2011 >
EbaSeYM (r/w)	1~12	Month of end time < 1 >
EbaSeYD (r/w)	1~31	Day of end time < 1 >
SbaReTH (r/w)	0 ~ 23	Hour of end time about weekly schedule < 23 >
SbaReTM (r/w)	0 ~ 59	Minute of end time about weekly schedule < 59 >
SbaReTS (r/w)	0~59	Sec of end time < 59 >
RecStream (r/w)	1	Stream for video clip < 1 >
	2	
SnapFN (r/w)	<text string shorter than 32 characters>	Snapshot file name prefix < snapshot >
VideoFN (r/w)	<text string shorter than 32 characters>	Video clip file name prefix < videoclip >
Delay (r/w)	1~999	The delay seconds for next motion trigger < 5 >
NotiType (r/w)	0	Send by mail
	1	Send by FTP
	3	Send by SAMBA
	4	Send by SD storage device
	5	Send by USB storage device
	6	Send by HTTP
SnapSuffix (r/w)	0	No add date and time suffix to file name.
	1	Add date and time suffix to file name.
VideoSuffix (r/w)	0	No add date and time suffix to file name.
	1	Add date and time suffix to file name
CyclicRec (r/w)	0	Disable cyclic record
	1	Enable cyclic record
TriggerT (r/w)	0	Trigger by motion detection
	1	Trigger by schedule
	2	Trigger by digital input

DoDelay (r/w)	1~999	Digital output duration time. (sec) <3>
DigDo (r/w)	0	Disable digital output for event trigger
	1	Enable digital output for event trigger
DiTriggType (r/w)	0~3	Digital input trigger type
	0	Low
	1	High
	2	Rising
	3	Falling
DiDelay (r/w)	1~999	The delay seconds for next digital input trigger <5>
SPI (r/w)	1~999	The delay seconds for next schedule trigger <5>

20. Syslog Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_syslog.cgi?Act=<value>[&<parameter>[=<value>]]...</code>

NAME	VALUE	DESCRIPTION
EnLog (r/w)	0	Disable remote system log
	1	Enable remote system log
LogIP (r/w)	<String shorter than 15 characters>	The address of log server <blank>
LogPort (r/w)	< Positive number less than 65535>	The log port <514>
Log (r)		The log message

21. Maintenance Configuration

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_maintenance.cgi?Act=<value>[&<parameter>[=<value>]]...</code>
--

NAME	VALUE	DESCRIPTION
Reboot (w)		Reboot the system
Restore (w)		Restore to factory default value
Calibrate (w)		Recalibrate the home position to the default center

22. Firmware Information

Note: This request requires administrator access

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/config_frminfo.cgi?Act=<value>[&<parameter>[=<value>]]...</code>
--

NAME	VALUE	DESCRIPTION
ModelName (r)	<Text string shorter than 32 characters>	Model name of server
ModelNum (r)	x.x.x.x	Firmware version of this model

23. Upgrade firmware

Note: This request requires administrator privilege

Method: POST

Syntax:

```
http://<servername>/cgi-bin/upgrade_firmware.cgi
```

Post data:

```
frmfile =<file name>\n\n<multipart encoded form data>
```

Server will accept the upload file named <file name> to be upgraded the firmware.

24. Control Camera

A. PT CONTROL

Method: GET/POST

Syntax:

<code>http://<servername>/cgi-bin/camctrl.cgi? [<parameter>=<value>&]...</code>

NAME	VALUE	DESCRIPTION
move (w)	1	Move up
	2	Move left
	3	Move home
	4	Move right
	5	Move down
	9	Move upper left
	10	Move upper right
	11	Move lower left
	12	Move lower right
auto (w)	6	Auto pan
	7	Stop
	8	Auto Patrol
speedpan (w)	5	The camera pan at 5 degree
	10	The camera pan at 10 degree
	15	The camera pan at 15 degree
	20	The camera pan at 20 degree
	25	The camera pan at 25 degree
	30	The camera pan at 30 degree
	35	The camera pan at 35 degree
	40	The camera pan at 40 degree
	45	The camera pan at 45 degree
	50	The camera pan at 50 degree
	55	The camera pan at 55 degree
speedtilt (w)	5	The camera tilt at 5 degree
	10	The camera tilt at 10 degree
	15	The camera tilt at 15 degree
	20	The camera tilt at 20 degree
	25	The camera tilt at 25 degree
	30	The camera tilt at 30 degree

	35	The camera tilt at 35 degree
	40	The camera tilt at 40 degree
	45	The camera tilt at 45 degree
	50	The camera tilt at 50 degree
	55	The camera tilt at 55 degree
speedapp (w)	1 ~ 5	The camera auto pan speed. “1” is the fastest, and “5” is the slowest.
recall (w)	1 ~ 20	Move to the preset point
sethome (w)	1	Restore the default home position
	2	Set current position as home
seek (w)	0	Video size is 1920x1080
	1	Video size is 1280x1024
	2	Video size is 1280x800
	3	Video size is 640x480
	4	Video size is 320x240
	5	Video size is 176x144
seek_up (w)	0 ~ 1080	The actual value is according to the display pixel. The parameter is exclusive with “seek_down”, and inclusive with “seek”.
seek_down (w)	0 ~ 1080	The actual value is according to the display pixel. The parameter is exclusive with “seek_up”, and inclusive with “seek”.
seek_left (w)	0 ~ 1980	The actual value is according to the display pixel. The parameter is exclusive with “seek_right”, and inclusive with “seek”.
seek_right (w)	0 ~ 1980	The actual value is according to the display pixel. The parameter is exclusive with “seek_left”, and inclusive with “seek”.
Calibrate (w)	Don't care	Recalibrate the home position to the default center
pointx (w)	0 ~ 511	Moves to the specified x coordinate. The parameter must be used with the parameter “pointy” at the same time.
pointy (w)	0 ~ 57	Moves to the specified y coordinate. The parameter must be used with the parameter “pointx” at the same time.

B .CCD CONTROL

Method: GET/POST

Syntax:

http://<servername>/cgi-bin/ccdctrl.cgi? [<parameter>=<value>&]...
--

NAME	VALUE	DESCRIPTION
move (w)	1	Zoom In
	2	Zoom Out
	3	Focus Near
	4	Focus Far
	5	Iris Level +
	6	Iris Level -
	7	Auto Focus Mode
	8	Auto Iris Mode
speedZoom (w)	1 ~ 7	Zoom Speed
speedFocus (w)	1 ~ 7	Focus Speed

25. Capture Picture

Note: This request require normal user privilege

Method: GET/POST

Syntax:

```
http://<servername>/cgi-bin/picture.cgi
```

Server will return the most up-to-date snapshot in JPEG format. The size and quality of image will be set according to the video settings on the server.

Return:

```
HTTP/1.0 200 OK\n
<HTML>\n
<head>\n
<SCRIPT language=JavaScript>\n
<!--\n
function Resize() {\n
window.resizeTo(710, 590)  \n
\n
}\n
//-->\n
</SCRIPT>\n
</head>\n
<body bgcolor="white" onload=Resize(>\n
\n
</body>\n
</HTML>\n
```

*directly use the “http://<servername>/imagep/picture.jpg” is another way

26. Statusinfo Configuration

Note: This request require normal user privilege

Method: GET/POST

Syntax:

http://<servername>/cgi-bin/config_statusinfo.cgi?Act=1		
NAME	VALUE	DESCRIPTION
(r)		The status message as following: [System Info]\n\n[Network Info]\nLAN MAC=00:AA:BB:CC:DD:0A\nLAN IP Address=192.168.200.136\nLAN Network Mask=255.255.255.0\nDefault Gateway= \n\n[FirmwareInfo] \nF/W Version=0.9.0.1\nBuilt Date=2008/02/27\nStartup Date=2008/02/27\n\n[ConnectionInfo]\nCurrent Viewers=0\n\n[200 Successfully]

27. Release Notes

version 1.0.1.1

2013/2/1 Modify description of “[Netmask](#)” at “config_network.cgi”

2013/2/1 Modify value of “[Vluminance](#)” at “config_video.cgi”

version 1.0.1.0

2013/1/9 Adjust the range of “[S1MJQuality](#)”, “[S2MJQuality](#)”, “[iS1MJQuality](#)” and “[iS2MJQuality](#)” at “config_stream.cgi”

version 1.0.0.9

2012/12/26 Modify “[S1BitRate](#)”, “[S2BitRate](#)”, “[iS1BitRate](#)”, “[iS2BitRate](#)”, “[S1Quality](#)”, “[S2Quality](#)”, “[iS1Quality](#)”, “[iS2Quality](#)”, “[S1MJQuality](#)”, “[S2MJQuality](#)”, “[iS1MJQuality](#)” and “[iS2MJQuality](#)” at “config_stream.cgi”

version 1.0.0.8

2012/12/6 Modify “[P<1~20>](#)” and “[DelPreset](#)” at “config_camera.cgi”

version 1.0.0.7

2012/11/22 Add “[Steam1Name](#)” and “[Stream2Name](#)” at “config_network.cgi”

2012/11/22 Add “[RecStream](#)” and “[CyclicRec](#)” at “config_application”

2012/11/22 Add new variables (“[S1CodecName](#)”, “[S2CodecName](#)”, “[iS1CodecName](#)”, “[iS2CodecName](#)”, “[S1SizeName](#)”, “[S2SizeName](#)”, “[iS1SizeName](#)” and “[iS2SizeName](#)”) about access video codec and size

version 1.0.0.6

2012/11/13 Add “[Message](#)” at “config_http.cgi”

version 1.0.0.5

2012/10/18 Add “[config_http.cgi](#)”

2012/10/18 Modify description of “[Selection](#)” at “config_application.cgi”

2012/10/18 Modify value of “[Selection](#)” at “config_application.cgi”

2012/10/18 Modify value of “[NotiType](#)” at “config_application.cgi”

2012/10/18 Modify description of “[DigDo](#)” at “config_application.cgi”

version 1.0.0.4

2012/10/15 Modify description of “[MotHeight](#)” at “config_motion.cgi” and modify description of “[Delay](#)” 、” [DiDelay](#)” and “[SPI](#)” at “config_application.cgi”

version 1.0.0.3

2012/8/18 Add “[config_statusinfo.cgi](#)”

version 1.0.0.2

2012/5/31 Add “[ccdctrl.cgi](#)”

version 1.0.0.1

2012/2/20 Add “[BrandName](#)” at “config_sysinfo.cgi”

2012/2/20 Add "[FormatList](#)" at "config_sysinfo.cgi"

2012/2/20 Add "[ResolutionList](#)" at "config_sysinfo.cgi"

2012/2/20 Add "[SPT](#)" at "config_sysinfo.cgi"

2012/2/20 Add "[SZoom](#)" at "config_sysinfo.cgi"

2012/2/20 Add "[SaudIn](#)" at "config_sysinfo.cgi"

2012/2/20 Add "[SaudOut](#)" at "config_sysinfo.cgi"