Foscam IPCamera CGI User Guide

Contents

History

Ver	Auth	Edit date	Changes
1.0.0	XiaoJinsheng	2012-11-21	V1.0.0
1.0.1	Houzhen	2012-12-09	Add the following CGI command to set PT startup position: 1) setPTZSelfTestMode 2) getPTZSelfTestMode 3) setPTZPrePointForSelfTest 4) getPTZPrePointForSelfTest
1.0.2	XiaoJinsheng	2013-01-29	1. Add a snap CGI(snapPicture2) which retrun jpeg image data directly but a image url 2. Add MotionJpeg stream support
1.0.3	Houzhen	2013-6-5	Check and Modify CGI command document
1.0.4	Limaike	2013-6-8	CGI command check
1.0.5	Houzhen	2013-9-25	1.Add note for GetMJStream, defects of Firefox; 2.Modify Command: setContrast、mirrorVideo、flipVideo、logIn、setSnapConfig、setPTZSpeed、setInfraLedConfig、setSubStreamFormat、setPortInfo、getPortInfo; 3.Add command: getLocalAlarmRecordConfig; setLocalAlarmRecordConfig; getP2PEnable；setP2PEnable；getP2PPort；setP2PPort；setOSDMask；getOSDMask；getScheduleSnapConfig; setScheduleSnapConfig;
1.0.6	Houzhen	2013-12-12	1.Add command: -changeUserNameAndPwdTogether； -getPCAudioAlarmCfg； -setPCAudioAlarmCfg； -setH264FrmRefMode； -getH264FrmRefMode； -setCruiseTime； -getCruiseTime；

			-setSubVideoStreamParam； -getSubVideoStreamParam； -setCruiseTimeCustomed； -getCruiseTimeCustomed； -setCruiseLoopCnt； -getCruiseLoopCnt； -setCruiseCtrlMode； -getCruiseCtrlMode； -setCruisePrePointLingerTime； -getCruisePrePointLingerTime； -getScheduleRecordStreamChn； -setScheduleRecordStreamChn； -getProductModel； -getProductModelName； -getProductLanguage； -getProductSensorType； -getProductWifiType； -getProductSdFlag； -getProductOutdoorFlag； -getProductPtFlag； -getProductZoomFlag； -getProductRs485Flag； -getProductIoAlarmFlag； -getProductOnvifFlag； -getProductP2pFlag; -getProductWpsFlag; -getProductAudioFlag; -getProductTalkFlag; -getProductAppVer; -getProductAllInfo; -getGeneratePubKey; -toolResetToFactory; -setScheduleInfraLedConfig; -getScheduleInfraLedConfig; 2.Modify Login error code-5、-7;
1.0.7	Houzhen	2013-12-14	Modify Command: 1.The usage of command-setSubStreamFormat, getSnapConfig, setSnapConfig.

			2.The example and description of command-setMotionDetectConfig, setScheduleSnapConfig, setIOAlarmConfig
1.0.8	Houzhen	2014-1-17	1.Add commmad: getRecordList2,reloadRecordindex
1.0.9	Houzhen	2014-3-15	1.Add command: getRatio, setRatio 2.Modify command: 1) The example of command: setCruisePrePointLingerTime, getCruisePrePointLingerTime. 2) The return discription of command: getProductWpsFlag. 3）The Param of command:smtpTest.
1.0.10	Houzhen	2014-4-2	1.Add commmad:getPPPoEConfig, setPPPoEConfig,getRecordPath,getScheduleRecordConfig,getP2PInfo; 2.Modify the priviage of command for security: changePassword,changeUserName,changeUserNameAndPwdTogether,getSessionList,getUserList,getImageSetting,getMirrorAndFlipSetting, getMotionDetectConfig,getScheduleSnapConfig,getVideoStreamParam,getSubVideoStreamParam,getMainVideoStreamType,getSubVideoStreamType,getH264FrmRefMode,getSnapConfig ,getOsdMaskArea,getOSDSetting,getOSDMask,getPTZSpeed,get485Info,getPTZPresetPointList,ptzGetCruiseMapList,ptzGetCruiseMapInfo,getPTZSelfTestMode,getPTZPrePointForSelfTest,getCruiseTime,getCruiseTimeCustomed,getCruiseLoopCnt,getCruiseCtrlMode,getCruisePrePointLingerTime,getZoomSpeed,getSMTPConfig,getIPInfo,getPortInfo,getUPnPConfig,getDevInfo,getDevName,getFirewallConfig,getSystemTime,getFtpConfig,testFtpServer,getDDNSConfig,getLog,getRecordList,getRecordList2,reloadRecordindex,getScheduleRecordStreamChn,getAlarmRecordConfig,getLocalAlarmR

			ecordConfig,getPCAudioAlarmCfg,getIOAlarmConfig,getDevState,getInfraLedConfig,getScheduleInfraLedConfig,getP2PEnable,getP2PPort
1.0.11	Houzhen	2014-6-27	1.Add command: getDeFrameLevel, setDeFrameLevel
1.0.12	Houzhen	2014-7-9	1.Modify： 1) The parameter description of command setContrast.
1.0.13	PengMengjia	2014-11-24	integrate the CGI on all platforms and add new command
1.0.14	LeeJunliang	2015-5-10	1.Del command: 1)setMusicPlayPath,getMusicPlayPath 2.Modify command: 1)getMotionDetectConfig,setMotionDetectConfig,setIOAlarmConfig,getIOAlarmConfig,getTemperatureAlarmConfig.setTemperatureAlarmConfig,getHumidityAlarmConfig,setHumidityAlarmConfig,addMusicList,delMusicList
1.0.15	ZhangWei	2015-6-9	Add command of amba platform: getHdrMode,setHdrMode,getWdrMode,setWdrMode,getVideoStreamParam,setVideoStreamParam,getSubVideoStreamParam,setSubStreamParam,getMotionDetectConfig1,setMotionDetecConfig1
1.0.16	PengMengjia	2015-10-12	Add command: setFoscamRtmp;getFoscamRtmp;setSnapToFtpFilenameConfig;getSnapToFtpFilenameConfig;getCloudStreamLeve;setCloudStreamLevel

This document is for latest version.if you use this document for develop, your camera's version must be latest.

1. General description

● Our device can only support authentication by pass user name or password attached at CGI request string currentlly.
  For example:
  https://xxxxxx.myfoscam.org:443/cgi-bin/CGIProxy.fcgi&usr=admin&pwd=123&cmd=ABC

● We only support GET and POST method. Only importConfig and fwUpgrade can support POST method.

● The cgi request string must be encode in url format. URL encode rule:
  The following chars will not be encoded:
  [A~Z] [a~z] [0~9] + @ * /
  The other chars will be encoded into hex format.
  For example:
  https://xxxxxx.myfoscam.org:443/cgi-bin/CGIProxy.fcgi?usr=admin&pwd=&cmd=getIPInfo

  will be encode to:
  https://xxxxxx.myfoscam.org:443/cgi-bin/CGIProxy.fcgi?usr%3Dadmin%26pwd%3D%26cmd%3DgetIPInfo

● cgi execute result
  1) We orgnize the cgi execute result as xml format, for example:
    <CGI_Result>
        <result>0</result>
        <isDHCP>1</isDHCP>
        <ip>192.168.1.8</ip>
        <gate>0.0.0.0</gate>
        <mask>255.255.255.0</mask>
        <dns1>0.0.0.0</dns1>
        <dns2>0.0.0.0</dns2>
    </CGI_Result>

    means the common execute result

value	mean
0	Success
-1	CGI request string format error
-2	Username or password error
-3	Access deny
-4	CGI execute fail
-5	Timeout
-6	Reserve
-7	Unknown error
-8	Reserve

2. All Platform CGI

AV Function

getImageSetting

Function	Get color attribute of video	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getImageSetting	
Param	None	
Return	brightness	0~100
	contrast	0~100
	hue	0~100
	saturation	0~100
	sharpness	0~100
	denoiseLevel	Not use
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getImageSetting&usr=admin&pwd=	

setBrightness

Function	Set brightness of video	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setBrightness	
Param	brightness	0~100
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setBrightness&brightness=50&usr=admin&pwd=	

setContrast

Function	Set contrast of video	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setContrast	
Param	constrast	0~100

Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setContrast&constrast=50&usr=admin&pwd=

setHue

Function	Set hue of video	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setHue	
Param	hue	0~100
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setHue&hue=50&usr=admin&pwd=	

setSaturation

Function	Set saturation of video	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSaturation	
Param	saturation	0~100
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSaturation&saturation=50&usr=admin&pwd=	

setSharpness

Function	Set sharpness of video	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSharpness	
Param	sharpness	0~100
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSharpness&sharpness=50&usr=admin&pwd=	

setDenoiseLevel (not use)

Function	Set DenoiseLevel of video

privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSharpness	
Param	DenoiseLevel	0~100
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setDenoiseLevel&level=50&usr=admin&pwd=	

resetImageSetting

Function	Reset color parameters to default value	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=resetImageSetting	
Param	None	
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=resetImageSetting&usr=admin&pwd=	

getMirrorAndFlipSetting

Function	Get mirror and flip attribute of video		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMirrorAndFlipSetting		
Param	None		
Return	isMirror	0	Not mirred
		1	Mirred
	isFlip	0	Not filpped
		1	Flipped
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMirrorAndFlipSetting&usr=admin&pwd=		

mirrorVideo

Function	Mirror video		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=mirrorVideo		
Param	isMirror	0	Not mirror

		1 Mirror
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=mirrorVideo&isMirror=1&usr=admin&pwd=	

flipVideo

Function	Flip video	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=flipVideo	
Param	isFlip	0 Not flip
		1 Flip
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=flipVideo&isFlip=1&usr=admin&pwd=	

getRatio

Function	Get value for image distortion correction	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getRatio	
Param	None	
Return	ratio	Three ranks for image distortion correction High:150. Middle:210. Low:430.
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getRatio&usr=admin&pwd=	

setRatio

Function	Set value for image distortion correction	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setRatio	
Param	ratio	1. 0-511，value for image distortion correction. 2. Three ranks,

		High:0-150.
		Middle:151-429.
		Low:430-511.
		3. Default, Middle.
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setRatio&ratio=150&usr=admin&pwd=	

getH264FrmRefMode

Function	Get frame shipping reference mode of H264 encode stream	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getH264FrmRefMode	
Param	None	
Return	mode	0 Normal reference mode
		1 Two frames are separated by four skipping frames
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getH264FrmRefMode&usr=admin&pwd=	

setH264FrmRefMode

Function	Set frame shipping reference mode of H264 encode stream	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setH264FrmRefMode	
Param	mode	0 Normal reference mode
		1 Two frames are separated by four skipping frames
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setH264FrmRefMode&mode=0&usr=admin&pwd=	

getScheduleRecordStreamChn

Function	Get stream channel for schedule record
privilege	admin

Usage	/cgi-bin/CGIProxy.fcgi?cmd=getScheduleRecordStreamChn	
Param	None	
Return	chn	0 main stream
		1 sub stream
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getScheduleRecordStreamChn&usr=admin&pwd=	

setScheduleRecordStreamChn

Function	Set stream channel for schedule record	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setScheduleRecordStreamChn	
Param	chn	0 main stream
		1 sub stream
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setScheduleRecordStreamChn&chn=0&usr=admin &pwd=	

setPwrFreq

Function	Set power freq of sensor	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setPwrFreq	
Param	freq	0　60HZ
		1　50HZ
		2　outdoor mode
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setPwrFreq&freq=0&usr=admin&pwd=	

getVideoStreamParam

Function	Get video stream param
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getVideoStreamParam

Param	None	
Return	resolutionN	Resolution of stream type N
	bitRateN	Bit rate of stream type N　(20480~2097152)
	frameRateN	Frame rate of stream type N
	GOPN	P frames between I frame of stream type N
	isVBRN	Change　bit　rate　of　stream　1-yes 0-nosetSubVideoStreamParam
Note	N means streamType [0~3]	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getVideoStreamParam&usr=admin&pwd=	

setVideoStreamParam

Function	Set the video stream param of stream N	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setVideoStreamParam	
Param	streamType	0~3
	resolution	Resolution of stream type N
	bitRate	Bit rate of stream type N　(20480~2097152)
	frameRate	Frame rate of stream type N
	GOP	P frames between I frame of stream type N The suggest value is: X * frameRate
	isVBR	Change bit rate of stream type 1-Yes 0-No
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setVideoStreamParam&streamType=0&resolution=0&bitRate=2097152&frameRate=30&GOP=30&isVBR=0&usr=admin&pwd=	

getSubVideoStreamParam

Function	Get sub video stream param	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getSubVideoStreamParam	
Param	None	
Return	resolutionN	Resolution of stream type N
	bitRateN	Bit rate of stream type N　(20480~2097152)
	frameRateN	Frame rate of stream type N
	GOPN	P frames between I frame of stream type N

	isVBRN	Not in use currentlly
Note	N means streamType [0~3]	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getSubVideoStreamParam&usr=admin&pwd=	

setSubVideoStreamParam

Function	Set the sub video stream param of stream N	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSubVideoStreamParam	
Param	streamType	0~3
	resolution	Resolution of stream type N
	bitRate	Bit rate of stream type N (20480~2097152)
	frameRate	Frame rate of stream type N
	GOP	P frames between I frame of stream type N The suggest value is: X * frameRate
	isVBR	Not in use currentlly
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSubVideoStreamParam&streamType=0&resoluti on=0&bitRate=2097152&frameRate=30&GOP=30&isVBR=0&usr=admin&pwd=	

getMainVideoStreamType

Function	Get the stream type of main stream	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMainVideoStreamType	
Param	None	
Return	streamType	The stream type 0~3
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMainVideoStreamType&usr=admin&pwd=	

getSubVideoStreamType

Function	Get the stream type of sub stream	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getSubVideoStreamType	
Param	None	

Return	streamType	The stream type　0~3
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getSubVideoStreamType&usr=admin&pwd=	

setMainVideoStreamType

Function	Set the stream type of main stream	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMainVideoStreamType	
Param	streamType	The stream type　0~3
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMainVideoStreamType&streamType=0&usr=admin&pwd=	

setSubStreamFormat

Function	Set the stream format of sub stream		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSubStreamFormat		
Param	format	0	H264
		1	MotionJpeg
Return	None		
Note	Our device can only support 2 streams:Main stream for PC access and Sub stream for mobile access, but someone need a MJ stream to embed their camera into a webpage, in this case, we should set sub stream format to Motion Jpeg, and then you can get MJ stream by command: /cgi-bin/CGIStream.cgi?cmd=GetMJStream, but when you login as a sub stream user, the stream data will be same as main stream.		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSubStreamFormat&format=0&usr=admin&pwd=		

GetMJStream

Function	Get motion jpeg stream
privilege	visitor
Usage	/cgi-bin/CGIStream.cgi?cmd=GetMJStream
Param	None

Return	Motion jpeg stream data
Note	1) Motion jpeg stream data is returned from https server by a serverpush mode 2) MJ stream is VGA resolution @ 15fps 3) For some version of Firefox browse, the Firefox will crash when use "GetMJStream" CGI to get mjstream long time. This problem is due to the browse has some defects, it can not parse data correctly and directly. In order to fix this problem, we should as follows: A. Create a .txt empty document, such as "MJ.txt". B.Input the content into you .txt document, as follows: \<html> 　\<body> 　　\ 　\</body> \</html> Note: please change the ip\port\usr\pwd to youself; C. Rename your .txt to .html, such as "MJ.html". D. Open you r.html by Firefox, and enjoy your MJStream-video;
Example	/cgi-bin/CGIStream.cgi?cmd=GetMJStream&usr=admin&pwd=

getOSDSetting

Function	Get OSD config	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getOSDSetting	
Param	None	
Return	isEnableTimeStamp	Time stamp will display on screen or not
	isEnableDevName	Camera name will display on screen or not
	dispPos	OSD display position, currently can only be 0
	isEnableOSDMask	Is OSD mask effective
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getOSDSetting&usr=admin&pwd=	

setOSDSetting

Function	Set OSD config

privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setOSDSetting	
Param	isEnableTimeStamp	Time stamp will display on screen or not
	isEnableDevName	Camera name will display on screen or not
	dispPos	OSD display position, currently can only be 0
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setOSDSetting&isEnableTimeStamp=1&isEnableD evName=1&dispPos=0&isEnableOSDMask=0&usr=admin&pwd=	

getOsdMaskArea

Function	Get OSD mask area info	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getOsdMaskArea	
Param	None	
Return	x1_N	The top left X position of mask N
	y1_N	The top left Y position of mask N
	x2_N	The bottom right X position of mask N
	y2_N	The bottom right Y position of mask N
Note	Our device can only support 4 mask areas	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getOsdMaskArea&usr=admin&pwd=	

setOsdMaskArea

Function	Set OSD mask area info	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setOsdMaskArea	
param	x1_N	The top left X position of mask N
	y1_N	The top left Y position of mask N
	x2_N	The bottom right X position of mask N
	y2_N	The bottom right Y position of mask N
Resturn	None	
Note	Our device can only support 4 mask areas	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setOsdMaskArea&x1_0=100&y1_0=100&x2_0=20 0&y2_0=200&x1_1=0&y1_1=0&x2_1=0&y2_1=0&x1_2=0&y1_2=0&x2_2=0&y 2_2=0&x1_3=0&y1_3=0&x2_3=0&y2_3=0&usr=admin&pwd=	

getOSDMask

Function	Get OSD mask status	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getOSDMask	
Param	None	
Return	isEnableTimeStamp	Time stamp will display on screen or not
	isEnableDevName	Camera name will display on screen or not
	dispPos	OSD display position, currently can only be 0
	isEnableOSDMask	Is OSD mask effective
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getOSDMask&usr=admin&pwd=	

setOSDMask

Function	Set OSD mask status	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setOSDMask	
Param	isEnableOSDMask	0-Disable, 1-Enable
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setOSDMask&isEnableOSDMask=1&usr=admin&pwd=	

getMotionDetectConfig

Function	Get motion detect config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMotionDetectConfig		
Param	None		
Return	isEnable	Is enable motion detect alarm	
	linkage	Motion alarm linkage (bit3 | bit2 | bit1 | bit0)	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
	snapInterval	The interval time to snap picture again	
	sensitivity	Motion detect	0 : Low

		sensitivity	1: Normal
			2: High
			3: Lower
			4: Lowest
	triggerInterval	The time of which motion detect alaram can trigger again when a motion detection has happened.**P.s.The true value of triggerInterval time is the value of the cgi get add 5s.**	
	isMovAlarmEnable	Is enable motion alarm detect	
	isPirAlarmEnable	Is enable Passive Infrared alarm detect	
	scheduleN	The motion alaram schedule of one week, N = 0(Monday) ~6(Sunday) For detail, see *1 bellow	
	areaN	The area info of row N For detail, see *2 bellow	
Note	·Video region is divided into 10*10 sub areasideo region is divided into 10*10 sub areas ·The min unit of schedule is half an hour, scheduleN value range $2^N - 1$(N[0-48]) .areaN value $2^N - 1$(N[0-10])		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMotionDetectConfig&usr=admin&pwd=		

setMotionDetectConfig

Function	Set motion detect config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMotionDetectConfig		
Param	isEnable	Is enable motion detect alarm	
	linkage	Motion alarm linkage (bit3 | bit2 | bit1 | bit0)	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
	snapInterval	The interval time to snap picture again	
	sensitivity	Motion detect sensitivity	0 : Low
			1: Normal
			2: High
			3: Lower
			4: Lowest

	triggerInterval	The time of which motion detect alaram can trigger again when a motion detection has happened.**P.s.The true value of triggerInterval time is the value of the cgi set add 5s.**	
	isMovAlarmEnable	0	Disable
		1	Enable
	isPirAlarmEnable	0	Disable
		1	Enable
	scheduleN	The motion alaram schedule of one week, N = 0(Monday) ~6(Sunday) For detail, see *1 bellow	
	areaN	The area info of row N For detail, see *2 bellow	
Return	None		
Note	·Video region is divided into 10*10 sub areasideo region is divided into 10*10 sub areas ·The min unit of schedule is half an hour, scheduleN value range 2^N-1(N[0-48]) .areaN value 2^N-1(N[0-10])		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMotionDetectConfig&isEnable=1&linkage=16&snapInterval=2&sensitivity=1&triggerInterval=5&isMovAlarmEnable=1&isPirAlarmEnable=1&schedule0=1023&schedule1=1023&schedule2=1023&schedule3=1023&schedule4=1023&schedule5=1023&schedule6=1023&area0=1023&area1=1023&area2=1023&area3=1023&area4=1023&area5=1023&area6=1023&area7=1023&area7=1023&area8=1023&area9=1023&usr=admin&pwd=		

*1 schedule bitmap

0	1	2	3	4	5	6	7		
									Monday
									Tuesday
									Wednesday
								...	Thursday
									Friday
									Saturday
									Sunday

40	41	42	43	44	45	46	47

Each grid of a row presents half of an hour of one day. For example, 40 presents 20:00 ~20:30.

The bit 40 set to "1" means the motion detection is effective between 20:00 to 20:30

*2 area bitmap

bit0	bit1	bit2	bit3	bit4	bit5	bit6	bit7	bit8	bit9	
										area0
										area1
										area2
										area3
										area4
										area5
										area6
										area7
										area8
										area9

The video region is divided into 10*10 sub areas, bit0 above present the first area, when this bit is set to "1", it means motion detection is effective on this area.

setLocalAlarmRecordConfig

Function	Set local alarm-record config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setLocalAlarmRecordConfig		
Param	`isEnableLocalAlarmRecord`	0	Disable
		1	Enable
	`localAlarmRecordSecs`	Recording time	
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setLocalAlarmRecordConfig&isEnableLocalAlarmRecord=1&localAlarmRecordSecs=30&usr=admin&pwd=		

getLocalAlarmRecordConfig

Function	Get local alarm-record config
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getLocalAlarmRecordConfig
Param	None

Return	`isEnableLocalAlarmRecord`	0	Disable
		1	Enable
	`localAlarmRecordSecs`	Recording time	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getLocalAlarmRecordConfig&usr=admin&pwd=		

getSnapConfig

Function	Get snap config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getSnapConfig		
Param	None		
Return	snapPicQuality	0	Low quality
		1	Normal quality
		2	High quality
	saveLocation	0	Save to sd card
		1	Not in use now
		2	Upload to FTP
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getSnapConfig&usr=admin&pwd=		

setSnapConfig

Function	Set snap config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSnapConfig		
Param	snapQuality	0	Low quality
		1	Normal quality
		2	High quality
	saveLocation	0	Save to sd card
		1	Not in use now
		2	Upload to FTP
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSnapConfig&snapQuality=1&saveLocation=2&usr=admin&pwd=		

getScheduleSnapConfig

Function	Get schedule snap config	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getScheduleSnapConfig	
Param	None	
Return	isEnable	Is enable motion detect alarm
	snapInterval	The interval time to snap picture again
	scheduleN	The motion alaram schedule of one week, N = 0(Monday) ~6(Sunday) For detail, see *1 bellow
Note	·The min unit of schedule is half an hour, scheduleN value range $2^N - 1$ (N[0-48])	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getScheduleSnapConfig&usr=admin&pwd=	

setScheduleSnapConfig

Function	Set schedule snap config	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setScheduleSnapConfig	
Param	isEnable	Is enable snap
	snapInterval	The interval time to snap picture again
	scheduleN	The motion alaram schedule of one week, N = 0(Monday) ~6(Sunday) For detail, see *1 bellow
Return	None	
Note	·The min unit of schedule is half an hour, scheduleN value range $2^N - 1$ (N[0-48])	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setScheduleSnapConfig&isEnable=1&snapInterval=2&schedule0=1023&schedule1=1023&schedule2=1023&schedule3=1023&schedule4=1023&schedule5=1023&schedule6=1023&usr=admin&pwd=	

*1 schedule bitmap

0	1	2	3	4	5	6	7		Monday
									Tuesday
									Wednesday

...

Thursday

								Friday
								Saturday
								Sunday

Each grid of a row presents half of an hour of one day. For example, 40 presents 20:00 ~20:30.

The bit 40 set to "1" means the snap is effective between 20:00 to 20:30

snapPicture

Function	Manual snap picture
privilege	visitor
Usage	/cgi-bin/CGIProxy.fcgi?cmd=snapPicture
Param	None
Return	We will return a html script directly: <html><body></body></html>
Note	Picture resolution is the same as main stream resolutionnapPicture
Example	/cgi-bin/CGIProxy.fcgi?cmd=snapPicture&usr=admin&pwd=

snapPicture2

Function	Manual snap picture
privilege	visitor
Usage	/cgi-bin/CGIProxy.fcgi?cmd=snapPicture2
Param	None
Return	Jpeg image data
Note	This command will return jpeg image data directly
Example	/cgi-bin/CGIProxy.fcgi?cmd=snapPicture2&usr=admin&pwd=

getRecordList

Function	Get record list	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getRecordList	
Param	recordPath	Record path
	startTime	Start time for research

	endTime	End time for research
	recordType	Recort type
	startNo	Start no
Return	totalCnt	Total record count
	curCnt	Current record count
	recordN	N(0-9), Record information
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getRecordList&usr=admin&pwd=	

getRecordList2

Function	Get record list	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getRecordList2	
Param	recordPath	Record path
	startTime	Start time for research
	endTime	End time for research
	recordType	Recort type
	startNo	Start no
Return	totalCnt	Total record count
	curCnt	Current record count
	recordN	N(0-9), Record information
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getRecordList2&usr=admin&pwd=	

reloadRecordindex

Function	Synchronization of record index for Play
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=reloadRecordindex
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=reloadRecordindex&usr=admin&pwd=

getAlarmRecordConfig

Function	Get alarm record config	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getAlarmRecordConfig	
Param	None	
Return	isEnablePreRecord	Preview record state
	preRecordSecs	Preview record time
	alarmRecordSecs	Alarm record time
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getAlarmRecordConfig&usr=admin&pwd=	

setAlarmRecordConfig

Function	Set alarm record config	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setAlarmRecordConfig	
Param	isEnablePreRecord	Preview record state
	preRecordSecs	Preview record time
	alarmRecordSecs	Alarm record time
Return	Set result(0-success,-1-error)	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setAlarmRecordConfig&usr=admin&pwd=&isEnablePreRecord=1&preRecordSecs=5&alarmRecordSecs=30	

getRecordPath

Function	Get record path for storage	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getRecordPath	
Param	None	
Return	path	0-SD card，2-FTP server
	free	The free capacity of storage device
	total	The total capacity of storage device
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getRecordPath&usr=admin&pwd=	

setRecordPath

Function	Set record path for storage		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setRecordPath		
Param	path	0-SD card，2-FTP server 3-SD card and cloud	
Return	setResult	0	success
		-1	Sd card is not exist
		-2	Share direction is not set
		-3	Not enough space
		-4	Param error
		-5	Param recording
	free	The free capacity of storage device	
	total	The total capacity of storage device	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setRecordPath&usr=admin&pwd=&path=2		
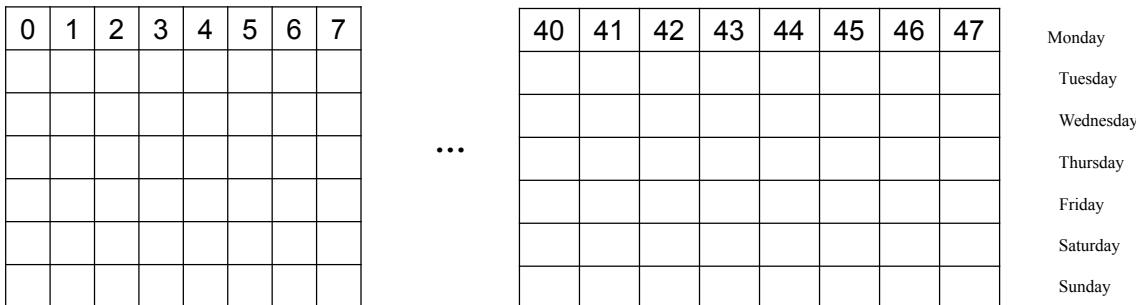
getScheduleRecordConfig

Function	Get config for schedule recording	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getScheduleRecordConfig	
Param	None	
Return	isEnable	Schedule-Record enable status, 0-disable,1-enable
	recordLevel	Level for drop frame,0-30/30,1-24/30,2-15/30,3-8/30, 4-4/30,5-1/30;
	spaceFullMode	The process method when SD card is full,0-cover the oldest video and continue record,1-stop record
	isEnableAudio	Is recording include audio? 0-no,1-yes
	scheduleN	The motion alaram schedule of one week, N = 0(Monday) ~6(Sunday) For detail, see *1 bellow
Note	·The min unit of schedule is half an hour, scheduleN value range $2^N - 1$ (N[0-48])	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getScheduleRecordConfig&usr=admin&pwd=	

setScheduleRecordConfig

Function	Set schedule recordconfig	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setScheduleRecordConfig	
Param	isEnable	Schedule-Record enable status, 0-disable,1-enable
	recordLevel	Level for drop frame,0-30/30,1-24/30,2-15/30,3-8/30, 4-4/30,5-1/30;
	spaceFullMode	The process method when SD card is full,0-cover the oldest video and continue record,1-stop record
	isEnableAudio	Is recording include audio? 0-no,1-yes
	scheduleN	The motion alaram schedule of one week, N = 0(Monday) ~6(Sunday) For detail, see *1 bellow
Return	None	
Note	·The min unit of schedule is half an hour, scheduleN value range 2^N-1(N[0-48])	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setScheduleRecordConfig&isEnable=1&recordLevel=0&spaceFullMode=0&isEnableAudio=0&schedule0=1023&schedule1=1023&schedule2=1023&schedule3=1023&schedule4=1023&schedule5=1023&schedule6=1023&usr=admin&pwd=	

*1 schedule bitmap

0	1	2	3	4	5	6	7		40	41	42	43	44	45	46	47	Monday
																	Tuesday
																	Wednesday
								...									Thursday
																	Friday
																	Saturday
																	Sunday

Each grid of a row presents half of an hour of one day. For example, 40 presents 20:00 ~20:30.
The bit 40 set to "1" means the snap is effective between 20:00 to 20:30

setIOAlarmConfig

Function	Set IO alarm config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setIOAlarmConfig		
Param	isEnable	Enable state	
	linkage	IO alarm linkage	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
	alarmLevel	Alarm level,0-Low,1-high,trigger alarm	
	snapInterval	Interval for snap picture	
	triggerInterval	Interval for trigger alarm again,**P.s.The true value of triggerInterval time is the value of the cgi set add 5s.**	
	scheduleN	N(0-6), alarm schedule	
Return	Set result(0-success,-1-error)		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setIOAlarmConfig&usr=admin&pwd=&isEnable=1 &linkage=16&snapInterval=2&alarmLevel=1&triggerInterval=5&schedule0=102 4&schedule1=1024&schedule2=1024&schedule3=1024&schedule4=1024&sch edule5=1024&schedule6=1024		

getIOAlarmConfig

Function	Get IO alarm config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getIOAlarmConfig		
Param	None		
Return	isEnable	Enable state	
	linkage	IO alarm linkage	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
	alarmLevel	Alarm level	
	snapInterval	Interval for snap picture	
	triggerInterval	Interval for trigger alarm again，**P.s.The true value of triggerInterval time is the value of the cgi get add 5s.**	

	scheduleN	N(0-6), alarm schedule
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getIOAlarmConfig&usr=admin&pwd=	

clearIOAlarmOutput

Function	Clean IO alarm output
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=clearIOAlarmOutput
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=clearIOAlarmOutput&usr=admin&pwd=

setAudioAlarmConfig

Function	Set Audio alarm config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setAudioAlarmConfig		
Param	isEnable	Enable state	
	linkage	Audio alarm linkage	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
	sensitivity	0=low 1=middle 2=high	
	snapInterval	Interval for snap picture	
	triggerInterval	Interval for trigger alarm again	
	scheduleN	N(0-6), alarm schedule	
Return	Set result(0-success,-1-error)		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setAudioAlarmConfig&usr=admin&pwd=&isEnable=1&linkage=16&snapInterval=2&sensitivity=1&triggerInterval=5&schedule0=1024&schedule1=1024&schedule2=1024&schedule3=1024&schedule4=1024&schedule5=1024&schedule6=1024		

getAudioAlarmConfig

Function	Get Audio alarm config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getAudioAlarmConfig		
Param	None		
Return	isEnable	Enable state	
	linkage	IO alarm linkage	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
	sensitivity	0=low 1=middle 2=high	
	snapInterval	Interval for snap picture	
	triggerInterval	Interval for trigger alarm again	
	scheduleN	N(0-6), alarm schedule	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getIOAlarmConfig&usr=admin&pwd=		

setPCAudioAlarmCfg

Function	Set audio alarm config for PC（web live video）
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setPCAudioAlarmCfg
Param	isEnablePCAudioAl arm	Enable state
Return	Set result(0-success,-1-error)
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setPCAudioAlarmCfg&usr=admin&pwd=&isEnable PCAudioAlarm=1

getPCAudioAlarmCfg

Function	Get audio alarm config for PC（web live video）
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getPCAudioAlarmCfg
Param	None
Return	isEnablePCAudioAl	Enable state

	arm	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getPCAudioAlarmCfg&usr=admin&pwd=	

getMultiDevList

Function	Get multi device list	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMultiDevList	
Param	None	
Return	devN	N(0-8), device information
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMultiDevList&usr=admin&pwd=	

getMultiDevDetailInfo

Function	Get multi device information	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMultiDevDetailInfo	
Param	chnnl	Channel no
Return	productType	Device type
	ip	Device IP
	port	Web port
	mediaPort	Media port
	userName	User name
	passWord	Password
	devName	Device name
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMultiDevDetailInfo&usr=admin&pwd=	

addMultiDev

Function	Add multiy device	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=addMultiDev	
Param	chnnl	Channel no
	productType	Device type

	ip	Device Ip
	port	Web port
	mediaPort	Media port
	userName	User name
	passWord	Password
	devName	Device name
Return	Add result(0-success,-1-error)	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=addMultiDev&usr=admin&pwd=&chnnl=2&productType=H264&ip=192.168.1.3&port=88&mediaPort=88&userName=admin&passWord=&devName=FI9805W	

delMultiDev

Function	Delete multiy device	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=delMultiDev	
Param	chnnl	Channel no
Return	Delete result(0-success,-1-error)	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=delMultiDev&usr=admin&pwd=&chnnl=2	

setDeFrameLevel

Function	Set status to enhance night vision definition	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setDeFrameLevel	
Param	level	0 -Disable the status of enhance
		1 -Enable the status of enhance
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setDeFrameLevel&level=0&usr=admin&pwd=	

getDeFrameLevel

Function	Get status of enhance the night vision definition	
privilege	admin	

Usage	/cgi-bin/CGIProxy.fcgi?cmd=getDeframeLevel	
Param	None	
Return	level	0 -Disable the status of enhance
		1 -Enable the status of enhance
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getDeframeLevel&usr=admin&pwd=	

User account

addAccount

Function	Add user account		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=addAccount		
Param	usrName	user name	
	usrPwd	user password	
	privilege	0	Visitor
		1	Operator
		2	Administrator
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=addAccount&usrName=test&usrPwd=test&privilege=0& usr=admin&pwd=		

delAccount

Function	Delete user account	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=delAccount	
Param	usrName	user name
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=delAccount&usrName=test&usr=admin&pwd=	

getPassword

Function	Get user password	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getPassword	
Param	usrName	user name
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getPassword&usrName=test&usr=admin&pwd=	

changePassword

Function	Change password	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=changePassword	
Param	usrName	The user you want to change password
	oldPwd	old password
	newPwd	new password
Return	None	
Note	Admin can change every user's password, visitor and operator can only change their own password	
Example	/cgi-bin/CGIProxy.fcgi?cmd=changePassword&usrName=admin&oldPwd=&newPwd=test&usr=admin&pwd=	

changeUserName

Function	Change user name	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=changeUserName	
Param	usrName	The user you want to change name
	newUsrName	The new user name
Return	None	
Note	Admin can change every user's name, visitor and operator can only change their own name	
Example	/cgi-bin/CGIProxy.fcgi?cmd=changeUserName&usrName=admin&	

	newUsrName=newname&usr=admin&pwd=

changeUserNameAndPwdTogether

Function	Change user name and password together	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=changeUserNameAndPwdTogether	
Param	usrName	The user you want to change name
	newUsrName	New user name
	oldPwd	old password
	newPwd	new password
Return	None	
Note	Admin can change every user's name, visitor and operator can only change their own name	
Example	/cgi-bin/CGIProxy.fcgi?cmd=changeUserNameAndPwdTogether&usrName=admin&newUsrName=newname&oldPwd=&newPwd=newpwd&usr=admin&pwd=	

logIn

Function	User log in to camera		
privilege	visitor		
Usage	/cgi-bin/CGIProxy.fcgi?cmd= logIn		
Param	usrName	User name	
	remoteIp	Access IP	
	groupId	An id use to distinguish different users,can be set to current cpu tick	
	pwd	password	
Return	logInResult	0	Login success
		-1	Parameter check error
		-2	Exceed max user
		-3	User not exist
		-4	User not found
		-5	Password error
		-6	IP repetition
		-7	Access deny
		-8	Already login

	privilege	0	Visitor
		1	Operator
		2	Administrator
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=logIn&usrName=admin&remoteIp=192.168.1.12& groupId=673982479&pwd=&usr=admin&pwd=		

logOut

Function	User log out to camera	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=logOut	
Param	usrName	User name
	ip	Access IP
	groupId	An id use to distinguish different users,can be set to current cpu tick
Return	logOutResult	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=logOut&usrName=admin&ip=192.168.1.12&groupI d=673982479&usr=admin&pwd=	

getSessionList

Function	Get current session list of the camera	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getSessionList	
Param	None	
Return	usrCnt	session count
	usrN	User name of session N
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getSessionList&usr=admin&pwd=	

getUserList

Function	Get user account list of the camera
privilege	admin

Usage	/cgi-bin/CGIProxy.fcgi?cmd=getUserList	
Param	None	
Return	usrCnt	User count
	usrN	User name of accnount N
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getUserList&usr=admin&pwd=	

usrBeatHeart

Function	user checks connection with camera	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=usrBeatHeart	
Param	usrName	User name
	remoteIp	Access IP
	groupId	An id use to distinguish different users,can be set to current cpu tick
Return	checkResult(0-success,-1-error)	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=usrBeatHeart&usrName=admin&ip=192.168.1.13 &groupId=673982479&usr=admin&pwd=	

PTZ Control

ptzMoveUp

Function	Move up
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveUp
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveUp&usr=admin&pwd=

ptzMoveDown

Function	Move down

privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveDown
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveDown&usr=admin&pwd=

ptzMoveLeft

Function	Move to left
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveLeft
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveLeft&usr=admin&pwd=

ptzMoveRight

Function	Move to right
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveRight
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveRight&usr=admin&pwd=

ptzMoveTopLeft

Function	Move to top left
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveTopLeft
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveTopLeft&usr=admin&pwd=

ptzMoveTopRight

Function	Move to top right
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveTopRight
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveTopRight&usr=admin&pwd=

ptzMoveBottomLeft

Function	Move to bottom left
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveBottomLeft
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveBottomLeft&usr=admin&pwd=

ptzMoveBottomRight

Function	Move to bottom right
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveBottomRight
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzMoveBottomRight&usr=admin&pwd=

ptzStopRun

Function	Stop run PT
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzStopRun
Param	None

Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzStopRun&usr=admin&pwd=

ptzReset

Function	Reset PT to default position
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzReset
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzReset&usr=admin&pwd=

getPTZSpeed

Function	Get the speed of PT		
privilege	operator		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getPTZSpeed		
Param	None		
Return	speed	0	Very slow
		1	Slow
		2	Normal speed
		3	Fast
		4	Very fast
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getPTZSpeed&usr=admin&pwd=		

setPTZSpeed

Function	Set the speed of PT		
privilege	operator		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setPTZSpeed		
Param	speed	0	Very slow
		1	Slow
		2	Normal speed
		3	Fast

	4	Very fast
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setPTZSpeed&speed=2&usr=admin&pwd=	

getPTZPresetPointList

Function	Get all preset point	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getPTZPresetPointList	
Param	None	
Return	cnt	Current preset point count
	pointN	The name of point N
Note	Our device can support at most 16 preset point	
	We have 4 point default:LeftMost\RightMost\TopMost\BottomMost	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getPTZPresetPointList&usr=admin&pwd=	

ptzAddPresetPoint

Function	Add preset point	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzAddPresetPoint	
Param	name	Preset point name
Return	None	
Note	The preset point position is current PT position	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzAddPresetPoint&name=test&usr=admin&pwd =	

ptzDeletePresetPoint

Function	Delete preset point by name	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzDeletePresetPoint	
Param	name	Preset point name
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzDeletePresetPoint&name=test&usr=admin&p	

	wd=

ptzGotoPresetPoint

Function	Goto preset position	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzGotoPresetPoint	
Param	name	Preset point name
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzGotoPresetPoint&name=test&usr=admin&pwd=	

ptzGetCruiseMapList

Function	Get all cruise map list	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzGetCruiseMapList	
Param	None	
Return	cnt	Current cruise map point count
	mapN	The name of map N
Note	Our device can support at most 8 cruise map We have 2 maps default:Horizental/Vertical	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzGetCruiseMapList&usr=admin&pwd=	

ptzGetCruiseMapInfo

Function	Get the detail info of a cruise map by name		
privilege	operator		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzGetCruiseMapInfo		
Param	name	Name of the cruise map	
Return	getResult	0	Success
		-1	Fail
	pointN	The preset point name of this cruise map	
Note	Our device can support at most 8 preset point one cruise map		
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzGetCruiseMapInfo&name=Horizental&usr=ad		

	min&pwd=

ptzSetCruiseMap

Function	Add a cruise map	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzSetCruiseMap	
Param	name	Name of the cruise map
	pointN	The name of preset point N
Return	None	
Note	Our device can support at most 8 preset point one cruise map	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzSetCruiseMap&name=test&point0=test0&point1=test1&point2=test2&point3=test3&point4=test4&point5=test5&point6=&point7=&usr=admin&pwd=	

ptzDelCruiseMap

Function	Delete a cruise map	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzDelCruiseMap	
Param	name	Name of the cruise map
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzDelCruiseMap&name=test&usr=admin&pwd=	

ptzStartCruise

Function	Start a specificate cruise	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzStartCruise	
Param	mapName	Name of the cruise map
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzStartCruise&mapName=test&usr=admin&pwd=	

ptzStopCruise

Function	Start current cruise
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=ptzStopCruise
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=ptzStopCruise&usr=admin&pwd=

setCruiseTime

Function	Set time for continue cruise	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setCruiseTime	
Param	time	Time for continue cruise
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setCruiseTime&time=5&usr=admin&pwd=	

getCruiseTime

Function	Set time for continue cruise	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getCuriseTime	
Param		
Return	time	Time for continue cruise
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getCuriseTime&usr=admin&pwd=	

setCruiseTimeCustomed

Function	Set time for continue cruise by costomer	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setCruiseTimeCustomed	
Param	time	Customed time for continue cruise

	customed	Customed enable state-0-no,1-yes
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setCruiseTimeCustomed&time=5&customed=1&usr=admin&pwd=	

getCruiseTimeCustomed

Function	Set time for continue cruise by costomer	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getCruiseTimeCustomed	
Param		
Return	time	Customed time for continue cruise
	customed	Customed enable state-0-no,1-yes
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getCruiseTimeCustomed&usr=admin&pwd=	

setCruiseLoopCnt

Function	Set counts for continue cruise	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setCruiseLoopCnt	
Param	count	Counts for continue cruise
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setCruiseLoopCnt&count=5&usr=admin&pwd=	

getCruiseLoopCnt

Function	Set counts for continue cruise	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getCruiseLoopCnt	
Param		
Return	count	Counts for continue cruise
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getCruiseLoopCnt&usr=admin&pwd=	

setCruiseCtrlMode

Function	Set control mode for continue cruise, by time or count	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setCruiseCtrlMode	
Param	mode	Control mode-0:by time,1:by loop count
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setCruiseCtrlMode&mode=0&usr=admin&pwd=	

getCruiseCtrlMode

Function	Get control mode for continue cruise, by time or count	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getCruiseCtrlMode	
Param		
Return	mode	Control mode-0:by time,1:by loop count
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getCruiseCtrlMode&usr=admin&pwd=	

setCruisePrePointLingerTime

Function	Set linger time for cruise,when pt arrive prepoint	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setCruisePrepointLingerTime	
Param	name	Cruise map name
	timeN	Time for each prepoint
Return	None	
Note	N:[0-7],max number of prepoints in cruise	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setCruisePrePointLingerTime&name=123&time0=0&time1=1&time2=2&time3=3&time4=4&time5=5&time6=6&time7=7&usr=admin&pwd=	

getCruisePrePointLingerTime

Function	Set linger time for cruise,when pt arrive prepoint	
privilege	operator	

Usage	/cgi-bin/CGIProxy.fcgi?cmd=getCruisePrepointLingerTime	
Param	name	Cruise map name
Return	timeN	Time for each prepoint
Note	N:[0-7],max number of prepoints in cruise	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getCruisePrePointLingerTime&name=123&usr=admin&pwd=	

zoomIn

Function	Zoom in
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=zoomIn
Param	None
Return	None
Note	Only supported by the device has zoom lens
Example	/cgi-bin/CGIProxy.fcgi?cmd=zoomIn&usr=admin&pwd=

zoomOut

Function	Zoom out
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=zoomOut
Param	None
Return	None
Note	Only supported by the device has zoom lens
Example	/cgi-bin/CGIProxy.fcgi?cmd=zoomOut&usr=admin&pwd=

zoomStop

Function	Stop zoom run
privilege	operator
Usage	/cgi-bin/CGIProxy.fcgi?cmd=zoomStop
Param	None
Return	None
Note	Only supported by the device has zoom lens
Example	/cgi-bin/CGIProxy.fcgi?cmd=zoomStop&usr=admin&pwd=

getZoomSpeed

Function	Get the speed of Zoom		
privilege	operator		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getZoomSpeed		
Param	None		
Return	speed	0	Slow
		1	Normal
		2	Fast
Note	Only supported by the device has zoom lens		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getZoomSpeed&usr=admin&pwd=		

setZoomSpeed

Function	Set the speed of PTZ		
privilege	operator		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setZoomSpeed		
Param	speed	0	Slow
		1	Normal
		2	Fast
Return	None		
Note	Only supported by the device has zoom lens		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setZoomSpeed&usr=admin&pwd=&speed=1		

setPTZSelfTestMode

Function	Set the selftest mode of PTZ		
privilege	operator		
Usage	/cgi-bin/CGIProxy.fcgi?cmd= setPTZSelfTestMode		
Param	mode	0	No selftest
		1	Normal selftest
		2	After normal selftest, then goto presetpoint-appointed
Return	None		
Note	Only supported by ipc that can enable ptz-selftest		
Example	/cgi-bin/CGIProxy.fcgi?usr=admin&pwd=&cmd=setPTZSelfTestMode&mode=2		

getPTZSelfTestMode

Function	Get the selftest mode of PTZ		
privilege	operator		
Usage	/cgi-bin/CGIProxy.fcgi?cmd= getPTZSelfTestMode		
Param	None		
Return	mode	0	No selftest
		1	Normal selftest
		2	After normal selftest, then goto presetpoint-appointed
Return	None		
Note	Only supported by ipc that can enable ptz-selftest		
Example	/cgi-bin/CGIProxy.fcgi?usr=admin&pwd=&cmd=getPTZSelfTestMode		

setPTZPrePointForSelfTest

Function	Set presetpoint for selftest of PTZ	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd= setPTZPrePointForSelfTest	
Param	name	Preset point name
Return	None	
Note	Only supported by ipc that can enable ptz-selftest-2	
Example	/cgi-bin/CGIProxy.fcgi?usr=admin&pwd=&cmd=setPTZPrePointForSelfTest&name=TopMost	

getPTZPrePointForSelfTest

Function	Get the presetpoint for selftest of PTZ	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd= getPTZPrePointForSelfTest	
Param	None	
Return	name	Preset point name
Note	Only supported by ipc that can enable ptz-selftest	
Example	/cgi-bin/CGIProxy.fcgi?usr=admin&pwd=&cmd=getPTZPrePointForSelfTest	

set485Info

Function	Set informations of 485	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=set485Info	
Param	rs485Protocol	Protocol
	rs485Addr	Address
	rs485Baud	Baud rate
	rs485DataBit	DataBit
	rs485StopBit	StopBit
	rs485Check	Parity
Return	None	
Note	Only supported by ipc that can enable 485	
Example	/cgi-bin/CGIProxy.fcgi?usr=admin&pwd=&cmd=set485Info&rs485Protocol =0&rs485Addr=1&rs485Baud=1200&rs485DataBit=7&rs485StopBit=1&rs 485Check=0	

get485Info

Function	Get informations of 485	
privilege	operator	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=get485Info	
Param	None	
Return	rs485Protocol	Protocol
	rs485Addr	Address
	rs485Baud	Baud rate
	rs485DataBit	DataBit
	rs485StopBit	StopBit
	rs485Check	Parity
Note	Only supported by ipc that can enable 485	
Example	/cgi-bin/CGIProxy.fcgi?usr=admin&pwd=&cmd=get485Info	

Network

getIPInfo

Function	Get IP Info	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getIPInfo	
Param	None	
Return	isDHCP	Obtain ip from dhcp server or not
	ip	ip address(Can only support ipv4 yet)
	gate	gateway("0.0.0.0" when use dhcp)
	mask	subnet mask
	dns1	The first dns server addr("0.0.0.0" when use dhcp)
	dns2	The second dns server addr("0.0.0.0" when use dhcp)
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getIPInfo&usr=admin&pwd=	

setIpInfo

Function	Set IP Info	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setIpInfo	
Param	isDHCP	Obtain ip from dhcp server or not
	ip	ip address(Can only support ipv4 yet)
	gate	gateway
	mask	subnet mask
	dns1	The first dns server addr
	dns2	The second dns server addr
Return	None	
Note	System will reboot automatically to take effect after call this CGI command	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setIpInfo&isDHCP=0&ip=192.168.1.88&gate=192.168.1.1&mask=255.255.255.0&dns1=192.168.1.1&dns2=192.168.1.1&usr=admin&pwd=	

refreshWifiList

Function	Start scan the aps around	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=refreshWifiList	
Param	None	
Return	None	
Note	This operation may takes a while, about 20 seconds or above, the other operation on this device will be blocked during the period.	
Example	/cgi-bin/CGIProxy.fcgi?cmd=refreshWifiList&usr=admin&pwd=	

getWifiList

Function	Get the aps around after refreshWifiList			
privilege	admin			
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getWifiList			
Param	startNo	The start NO of the ap list you want to get. For example:The are 30 aps around you, you want to look at the last ten aps, then startNo=20		
Return	totalCnt	Total count of aps		
	curCnt	Current aps count		
	apN	The detail info of ap N Format: ssid+mac+quality+isEncrypt+encrypType	ssid	AP name
			mac	AP's mac address
			quality	Signal quality(0~100)
			isEncrypt	Encrypt or not
			encrypType	0 Open mode
				1 WEP
				2 WPA
				3 WPA2
				4 WPA/WPA2
Note	Only 10 aps will be returned one time			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getWifiList&startNo=0&usr=admin&pwd=			

setWifiSetting

Function	Set wifi config

privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setWifiSetting		
Param	isEnable	Enable state	
	isUseWifi	Use wifi or not	
	ssid	AP name	
	netType	0	Infra net
		1	Ad-hoc Not supported yet
	encryptType	0	Open mode
		1	WEP
		2	WPA
		3	WPA2
		4	WPA/WPA2
	psk	The psk of WPA WPA2	
	authMode	0	Open mode
		1	Shared key
		2	Auto mode
	keyFormat	0	ASIC
		1	Hex
	defaultKey	1~4	
	key1		
	key2		
	key3		
	key4		
	key1Len	64 or 128	
	key2Len	64 or 128	
	key3Len	64 or 128	
	key4Len	64 or 128	
	isNewFormat	1	Use in new version when you need encrypt wifi password.if you are old platform you need not use it. Eg: using this param ,if your password is "123&",you must use "49,50,51,38" instead it .(Each character must use ASCCI code conversion, and separated by commas characters)
Return	None		
Note	Camera will not connect to AP unless you enject your cable		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setWifiSetting&isEnable=1&isUseWifi=1&ssid=fostar_soft&netType=0&encryptType=4&psk=41,48,38&authMode=0&keyFormat=0&d		

	efaultKey=1&key1=&key2=&key3=&key4=&key1Len=64&key2Len=64&key3Len=64&key4Len=64&usr=admin&pwd=

getWifiConfig

Function	Get wifi config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getWifiConfig		
Param	None		
Return	isEnable	Enable state	
	isUseWifi	Use wifi or not	
	isConnected	Connected state	
	connected AP	Connedted ap	
	ssid	AP name	
	encryptType	0	Open mode
		1	WEP
		2	WPA
		3	WPA2
		4	WPA/WPA2
	psk	The psk of WPA WPA2	
	authMode	0	Open mode
		1	Shared key
		2	Auto mode
	keyFormat	0	ASIC
		1	Hex
	defaultKey	1~4	
	key1		
	key2		
	key3		
	key4		
	key1Len	64 or 128	
	key2Len	64 or 128	
	key3Len	64 or 128	
	key4Len	64 or 128	
Return	None		

Note	Camera will not connect to AP unless you enject your cable
Example	/cgi-bin/CGIProxy.fcgi?cmd=getWifiConfig&usr=admin&pwd=

getPortInfo

Function	Get ports of camera	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getPortInfo	
Param	None	
Return	webPort	http port(default value is 88)
	httpsPort	https port(default value is 443)
	mediaPort	media port(default value is 88)
	onvifPort	Onvif Port(default value is 888)
Note	.You can call this CGI command without usr or pwd section .onvifPort param only for onvif camera, the camra which does not has onvif function does not have this param	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getPortInfo&usr=admin&pwd=	

setPortInfo

Function	Set ports of camera	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getPortInfo	
Param	webPort	http port(default value is 88)
	mediaPort	media port(default value is 88)
	httpsPort	https port(default value is 443)
	onvifPort	Onvif Port(default value is 888)
Return	None	
Note	.Re login is needed after call this CGI command .onvifPort param only for onvif camera, the camra which does not has onvif function does not have this param	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setPortInfo&webPort=88&mediaPort=88&httpsPort=443&onvifPort=888&usr=admin&pwd=	

getUPnPConfig

Function	Get UpnP config

privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getUPnPConfig
Param	None
Return	isEnable	is Enable UpnP function
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getUPnPConfig&usr=admin&pwd=

setUPnPConfig

Function	Set UpnP config
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setUPnPConfig
Param	isEnable	is Enable UpnP function
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setUPnPConfig&isEnable=1&usr=admin&pwd=

getDDNSConfig

Function	Get DDNS config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getDDNSConfig		
Param	None		
Return	isEnable	is Enable DDNS update	
	hostName	DDNS domain	
	ddnsServer	0	Factory DDNS
		1	Oray
		2	3322
		3	no-ip
		4	dyndns
	user	user name	
	password	password	
	factoryDDNS	factory ddns	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getDDNSConfig&usr=admin&pwd=		

setDDNSConfig

Function	Set DDNS config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setDDNSConfig		
Param	isEnable	is Enable DDNS update	
	hostName	DDNS domain	
	ddnsServer	0	Factory DDNS
		1	Oray
		2	3322
		3	no-ip
		4	dyndns
	user	user name	
	password	password	
Return	None		
Note	This command can only be used to set the third party ddns		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setDDNSConfig&isEnable=1&hostName=test.dyndns.org&ddnsServer=4&user=test&password=test&usr=admin&pwd=		

setFtpConfig

Function	Set FTP config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setFtpConfig		
Param	ftpAddr	FTP server address, you can contain sub directory in it	
	ftpPort	FTP port	
	mode	0	PASV mode
		1	PORT mode
	userName	user name	
	password	password	
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setFtpConfig&ftpAddr=ftp://192.168.1.2/sbuDir&ftpPort=21&mode=0&userName=test&password=test&usr=admin&pwd=		

getFtpConfig

Function	Get FTP config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getFtpConfig		
Param	None		
Param	ftpAddr	FTP server address, you can contain sub directory in it	
	ftpPort	FTP port	
	mode	0	PASV mode
		1	PORT mode
	userName	user name	
	password	password	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getFtpConfig&usr=admin&pwd=		

testFtpServer

Function	Test FTP server		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=testFtpServer		
Param	ftpAddr	FTP server address, you can contain sub directory in it	
	ftpPort	FTP port	
	mode	0	PASV mode
		1	PORT mode
	fptuserName	user name	
	ftppassword	password	
Return	testResult	0	Success
		-1	Fail
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=testFtpServer&ftpAddr=ftp://192.168.1.2/sbuDir&ftpPort=21&mode=0&fptuserName=test&ftppassword=test&usr=admin&pwd=		

getSMTPConfig

Function	Get mail config
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getSMTPConfig

Param	None		
Return	isEnable	is enable camera send mail?	
	server	SMTP server address	
	port	smtp port	
	isNeedAuth	Need auth user account or not	
	tls	0	None
		1	TLS
		2	STARTTLS
	user	user name	
	password	password	
	sender		
	reciever	Use "," between 2 senders, for exapler: aaa@123.com,bbb@456.com	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getSMTPConfig&usr=admin&pwd=		

setSMTPConfig

Function	Get mail config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSMTPConfig		
Param	isEnable	is enable camera send mail?	
	server	SMTP server address	
	port	smtp port	
	isNeedAuth	Need auth user account or not	
	tls	0	None
		1	TLS
		2	STARTTLS
	user	user name	
	password	password	
	sender		
	reciever	Use "," between 2 senders, for exapler: aaa@123.com,bbb@456.com	
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSMTPConfig&isEnable=1&server=smtp.gmail. com&port=587&isNeedAuth=1&user=test&password=test&send=test@gmail.c		

	om&reciever=aa@123.com,bb@456.com&usr=admin&pwd=

smtpTest

Function	Test mail setting		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=smtpTest		
Param	smtpServer	SMTP server address	
	port	smtp port	
	isNeedAuth	Need auth user account or not	
	tls	0	None
		1	TLS
		2	STARTTLS
	user	user name	
	password	password	
	sender	Send Email address	
Return	testResult	0	Success
		-1	Fail
Note	You must call setSMTPConfig firstly. We will send a test mail to all recievers		
Example	/cgi-bin/CGIProxy.fcgi?cmd=smtpTest&smtpServer=smtp.gmail.com&port=587&isNeedAuth=1&user=test&password=test&sender=test@gmail.com&usr=admin&pwd=		

setP2PEnable

Function	Set p2p status		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setP2PEnable		
	enable	0	Disable
		1	Enable
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setP2PEnable&enable=1&usr=admin&pwd=		

getP2PEnable

Function	Get p2p status		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getP2PEnable		
Param	None		
	enable	0	Disable
		1	Enable
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getP2PEnable&usr=admin&pwd=		

setP2PPort

Function	Set p2p port	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setP2PPort	
	port	P2P port number
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setP2PPort&port=12345&usr=admin&pwd=	

getP2PPort

Function	Get p2p port	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getP2PPort	
Param	None	
Return	port	P2P port number
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getP2PPort&usr=admin&pwd=	

getP2PInfo

Function	Get p2p UID
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getP2PInfo

Param	None	
Return	uid	P2P UID
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getP2PInfo&usr=admin&pwd=	

getPPPoEConfig

Function	Get PPPoE config	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getPPPoEConfig	
Param	None	
Return	isEnable	is Enable PPPoE function
	userName	userName
	password	password
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getPPPoEConfig&usr=admin&pwd=	

setPPPoEConfig

Function	Set PPPoE config	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setPPPoEConfig	
Param	isEnable	is Enable PPPoE function
	userName	userName
	password	password
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setPPPoEConfig&isEnable=1&userName=usr&password=pwd&usr=admin&pwd=	

Device manage

setSystemTime

Function	Set system time
privilege	admin

Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSystemTime		
Param	timeSource	0	Get time from NTP server
		1	Set time manually
	ntpServer	ntp server addr Support ntp server: time.nist.gov time.kriss.re.kr time.windows.com time.nuri.net	
	dateFormat	0	YYYY-MM-DD
		1	DD/MM/YYYY
		2	MM/DD/YYYY
	timeFormat	0	12 hours
		1	24 hours
	timeZone	The seconds between local time and GMT time. For example: timeZone=3600 presents GMT-01:00 timeZone=-3600 presents GMT+01:00		
	isDst	Daylight saving time (0-disable,1-enable)		
	dst	Not in use currently		
	year			
	mon			
	day			
	hour			
	minute			
	sec			
Return	None		
Note	This command can only be used to set the third party ddns		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSystemTime&timeSource=1&ntpServer=&dateFormat=0&timeFormat=0&timeZone=0&isDst=0&dst=0&year=2012&mon=1&day=6&hour=9&minute=35&sec=0&usr=admin&pwd=		

getSystemTime

Function	Get system time		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getSystemTime		
Param	None		
Return	timeSource	0	Get time from NTP server
		1	Set time manually

	ntpServer	ntp server addr	
		Support ntp server:	
		time.nist.gov time.kriss.re.kr time.windows.com	
		time.nuri.net	
	dateFormat	0	YYYY-MM-DD
		1	DD/MM/YYYY
		2	MM/DD/YYYY
	timeFormat	0	12 hours
		1	24 hours
	timeZone	The seconds between local time and GMT time.	
		For example: timeZone=3600 presents GMT-01:00	
		timeZone=-3600 presents GMT+01:00	
	isDst	Daylight saving time (0-disable,1-enable)	
	dst	Not in use currently	
	year		
	mon		
	day		
	hour		
	minute		
	sec		
Note	This command can only be used to set the third party ddns		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getSystemTime&usr=admin&pwd=		

openInfraLed

Function	Force open infra led		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=openInfraLed		
Param	None		
Return	ctrlResult	0	Success
		-1	Fail
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=openInfraLed&usr=admin&pwd=		

closeInfraLed

Function	Force close infra led

privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=closeInfraLed		
Param	None		
Return	ctrlResult	0	Success
		-1	Fail
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=closeInfraLed&usr=admin&pwd=		

getInfraLedConfig

Function	Get infra led config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getInfraLedConfig		
Param	None		
Return	mode	0	Auto mode
		1	Manual mode
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getInfraLedConfig&usr=admin&pwd=		

setInfraLedConfig

Function	Set infra led config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setInfraLedConfig&mode=0		
Param	mode	0	Auto mode
		1	Manual mode
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setInfraLedConfig&mode=&usr=admin&pwd=		

getScheduleInfraLedConfig

Function	Get config for infra led switch schedule	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getScheduleInfraLedConfig	
Param	None	
Return	startHourN	Start hour

	startMinN	Start Minitue
	endHourN	End hour
	endMinN	End minitue
Note	N:[0-2],the number of infra led switch schedule	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getScheduleInfraLedConfig&usr=admin&pwd=	

setScheduleInfraLedConfig

Function	Set config for infra led switch schedule	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setScheduleInfraLedConfig&mode=0	
Param	startHourN	Start hour
	startMinN	Start Minitue
	endHourN	End hour
	endMinN	End minitue
Return	None	
Note	N:[0-2],the number of infra led switch schedule	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setInfraLedConfig&mode=&usr=admin&pwd=	

getDevState

Function	Get all device state		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getDevState		
Param	None		
Return	IOAlarm	0	Disabled
		1	No alaram
		2	Detect alarm
	motionDetectAlaram	0	Disabled
		1	No alarm
		2	Detect alarm
	soundAlarm	0	Disabled
		1	No alarm
		2	Detect alarm
	record	0	Not in recording
		1	Recording
	sdState	0	No sd card

		1	Sd card ok
		2	Sd card read only
	sdFreeSpace	Free space of sd card by unit of k	
	sdTotalSpace	Total space of sd card by unit of k	
	ntpState	0	Disabled
		1	Update success
		2	Update fail
	ddnspState	0	Disabled
		1	Update success
		2	Update fail
	url	DDNS url	
	upnpState	0	Disabled
		1	Update success
		2	Update fail
	isWifiConnected	0	No wifi connected
		1	Connected
	wifiConnectedAP	The ssid of the ap which has been connected	
	infraLedState	0	OFF
		1	ON
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getDevState&usr=admin&pwd=		

getDevName

Function	Get camera name
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getDevName
Param	None
Return	devName	Camera name
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getDevName&usr=admin&pwd=

setDevName

Function	Set camera name
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setDevName

Param	devName	Camera name
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setDevName&devName=test&usr=admin&pwd=	

getDevInfo

Function	Get camera information	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getDevInfo	
Param	None	
Return	productName	Camera model
	serialNo	Serial no
	devName	Camera name
	mac	Mac address
	year	
	mon	
	day	
	hour	
	min	
	sec	
	timeZone	Time zone
	firmwareVer	Firmware version
	hardwareVer	Hardware version
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getDevInfo&usr=admin&pwd=	

getProductModel

Function	Get camera model number	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductModel	
Param	None	
Return	model	Camera model number

Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductModel&usr=admin&pwd=

getProductModelName

Function	Get camera model name	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductModelName	
Param	None	
Return	modelName	Camera model name
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductModelName&usr=admin&pwd=	

getProductLanguage

Function	Get camera main language	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductLanguage	
Param	None	
Return	language	Camera main language
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductLanguage&usr=admin&pwd=	

getProductSensorType

Function	Get camera sensor type number	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductSensorType	
Param	None	
Return	sensorType	Camera sensor type number
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductSensorType&usr=admin&pwd=	

getProductWifiType

Function	Get camera wifi type number

privilege	visitor
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductWifiType
Param	None
Return	wifiType	Camera wifi type number
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductWifiType&usr=admin&pwd=

getProductSdFlag

Function	Whether camera support sd card
privilege	visitor
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductSdFlag
Param	None
Return	sdFlag	Camera flag to support sd card-0:no,1:yes
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductSdFlag&usr=admin&pwd=

getProductOutdoorFlag

Function	Whether camera is outdoor machine
privilege	visitor
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductOutdoorFlag
Param	None
Return	outdoorFlag	Whether camera is outdoor machine-0:no,1:yes
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductOutdoorFlag&usr=admin&pwd=

getProductPtFlag

Function	Whether camera is pt machine
privilege	visitor
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductPtFlag
Param	None
Return	ptFlag	Whether camera is pt machine-0:no,1:yes
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductPtFlag&usr=admin&pwd=

getProductZoomFlag

Function	Whether camera is zoom machine	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductZoomFlag	
Param	None	
Return	zoomFlag	Whether camera is zoom machine-0:no,1:yes
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductZoomFlag&usr=admin&pwd=	

getProductRs485Flag

Function	Whether camera support rs485	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductRs485Flag	
Param	None	
Return	rs485Flag	Whether camera support rs485-0:no,1:yes
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductRs485Flag&usr=admin&pwd=	

getProductIoAlarmFlag

Function	Whether camera support IO alarm	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductIoAlarmFlag	
Param	None	
Return	ioAlarmFlag	Whether camera support IO alarm-0:no,1:yes
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductIoAlarmFlag&usr=admin&pwd=	

getProductOnvifFlag

Function	Whether camera support Onvif
privilege	visitor
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductOnvifFlag
Param	None

Return	onvifFlag	Whether camera support onvif-0:no,1:yes
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductOnvifFlag&usr=admin&pwd=	

getProductP2pFlag

Function	Whether camera support P2p	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductP2pFlag	
Param	None	
Return	p2pFlag	Whether camera support p2p-0:no,1:yes
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductP2pFlag&usr=admin&pwd=	

getProductWpsFlag

Function	Whether camera support Wps	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductWpsFlag	
Param	None	
Return	wpsFlag	Whether camera support wps-0:no,1:yes
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductWpsFlag&usr=admin&pwd=	

getProductAudioFlag

Function	Whether camera support audio-speak	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductAudioFlag	
Param	None	
Return	audioFlag	Whether camera support audio for speak-0:no,1:yes
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductAudioFlag&usr=admin&pwd=	

getProductTalkFlag

Function	Whether camera support audio-talk	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductTalkFlag	
Param	None	
Return	talkFlag	Whether camera support audio for talk-0:no,1:yes
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductTalkFlag&usr=admin&pwd=	

getProductAppVer

Function	Get camera application version	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductAppVer	
Param	None	
Return	appVer	camera application version
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductAppVer&usr=admin&pwd=	

getProductAllInfo

Function	Get camera Information	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getProductAllInfo	
Param	None	
Return	model	Model number
	modelName	Model Name
	language	Main language
	sensorType	Sensor type number
	wifiType	Wifi Type Number
	reserve1	Reserve
	reserve2	Reserve
	reserve3	Reserve
	reserve4	Reserve

	sdFlag	Whether machine support sd card
	outdoorFlag	Whether machine is outdoor
	ptFlag	Whether machine support pt
	zoomFlag	Whether machine support zoom
	rs485Flag	Whether machine support rs485
	ioAlarmFlag	Whether machine support io alarm
	onvifFlag	Whether machine support onvif
	p2pFlag	Whether machine support p2p
	wpsFlag	Whether machine support wps
	audioFlag	Whether machine support audio-speak
	talkFlag	Whether machine support audio-talk
	reserveFlag1	reserve
	reserveFlag2	reserve
	reserveFlag3	reserve
	reserveFlag4	reserve
	appVer	Camera application version
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getProductAllInfo&usr=admin&pwd=	

getGeneratePubKey

Function	Get public key generated by camera for software reset	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getGeneratePubKey	
Param	None	
Return	genResult	The result that camera generate public key for software reset
	genPubLen	The length of public key
	pubKey	Public key
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getGeneratePubKey&usr=admin&pwd=	

toolRestoreToFactory

Function	Set camera reset to factory by software
privilege	visitor

Usage	/cgi-bin/CGIProxy.fcgi?cmd=toolRestoreToFactory	
Param	codeLen	Code length for camera reset
	code	Code for camera reset
Return	restoreResult	The result that camera reset
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=toolRestoreToFactory&codeLen=10&code=xxxxx xxxxx&&usr=admin&pwd=	

System

rebootSystem

Function	Reboot camera
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=rebootSystem
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=rebootSystem&usr=admin&pwd=

restoreToFactorySetting

Function	Restore to factory setting
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=restoreToFactorySetting
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd= restoreToFactorySetting&usr=admin&pwd=

exportConfig

Function	Export config file
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=exportConfig
Param	None

Return	fileName	The config name
Note	After call this command, you can get the config file by visit the following addr: /configs/export/configs.bin	
Example	/cgi-bin/CGIProxy.fcgi?cmd=exportConfig&usr=admin&pwd=	

ImportConfig

Function	Import config file
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=importConfig&usr=admin&pwd=
Param	None
Return	None
Note	System will reboot automatically after this operation
Example	<form name="form5" method="post" target="retframe" enctype="multipart/form-data" action="cgi-bin/ CGIProxy.fcgi?cmd=importConfig&usr=admin&pwd=" > <input type="file" name="setting_file" > <input type="submit" value="import" > </form>

FwUpgrade

Function	Upgrade firmware		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=fwUpgrade&usr=admin&pwd=		
Param	None		
Return	upgradeResu lt	0	Upgrade success
		-1	Upgrade fail
Note	System will reboot automatically after this operation. This action may takes about 120s when upgrade app firmware, takes about 60s when upgrade system firmware		
Example	<form name="form5" method="post" target="retframe" enctype="multipart/form-data" action="cgi-bin/ CGIProxy.fcgi?cmd=fwUpgrade&usr=admin&pwd=" > <input type="file" name="fw_file" > <input type="submit" value="upgrade" > </form>		

removePatch

Function	remove firewall patch
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=removePatch
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=removePatch&usr=admin&pwd=

MISC

getFirewallConfig

Function	Get firewall config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getFirewallConfig		
Param	None		
Return	isEnable	Use firewall or not	
	rule	0	The ip list can't access
		1	Only allow the ip list to access
	ipListN	The ip address(Network address) of list N	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getFirewallConfig&usr=admin&pwd=		

setFirewallConfig

Function	Set firewall config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setFirewallConfig		
Param	isEnable	Use firewall or not	
	rule	0	The ip list can't access
		1	Only allow the ip list to access
	ipListN	The ip address(Network address) of list N	
Return	None		

Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setFirewallConfig&isEnable=1&rule=0&ipList0=0 &ipList1=0&ipList2=0&ipList3=0&ipList4=0&ipList5=0&ipList6=0&ipList7=0&us r=admin&pwd=

getLog

Function	Get system log	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getLog	
Param	offset	Where you want to start get log
	count	How many logs you want to get, must less then 20
Return	totalCnt	Total log count
	curCnt	current log count
	logN	log information, consist by time+user+ip+logID
Note	We can have 1000 record of log at most. We can get 10 log at most one time	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getLog&offset=0&count=20&usr=admin&pwd=	

3. All platform except 3518A add cgi

getAudioVolume

Function	Get Audio Volume	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getAudioVolume	
Param	None	
Return	volume	Volume value (0~100)
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getAudioVolume&usr=admin&pwd=	

setAudioVolume

Function	Set Audio Volume

privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setAudioVolume	
Param	volume	Volume value (0~100)
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setAudioVolume&volume=100&usr=admin&pwd=	

getWifiMode

Function	Get Wifi Mode		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getWifiMode		
Param	None		
Return	wifiMode	0	sta
		1	softAp
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getWifiMode&usr=admin&pwd=		

getTemperatureAlarmConfig

Function	Get Temperature Alarm Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getTemperatureAlarmConfig		
Param	None		
Return	isEnable	0	disable
		1	enable
	linkage	Motion alarm linkage (bit7| bit3 | bit2 | bit1 | bit0)	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
			bit7:Push to phone
	topLimit	Top temperature	
	lowerLimit	Lower temperature	
	snapInterval	Interval for snap picture	
	triggerInterval	Interval for trigger alarm again,**P.s.The true value of triggerInterval time is the value of the cgi get add 5s.**	
	scheduleN	N(0-6), alarm schedule	

Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getTemperatureAlarmConfig&usr=admin&pwd=

setTemperatureAlarmConfig

Function	Set Temperature Alarm Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setTemperatureAlarmConfig		
Param	isEnable	0	disable
		1	enable
	linkage	Motion alarm linkage (bit7| bit3 | bit2 | bit1 | bit0)	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
			bit7:Push to phone
	topLimit	Top temperature	
	lowerLimit	Lower temperature	
	snapInterval	Interval for snap picture	
	triggerInterval	Interval for trigger alarm again,**P.s.The true value of triggerInterval time is the value of the cgi set add 5s.**	
	scheduleN	N(0-6), alarm schedule	
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setTemperatureAlarmConfig&isEnable=1&linkage=129&topLimit=40&lowerLimit=20snapInterval=2&triggerInterval=5&schedule0=1023&schedule1=1023&schedule2=1023&schedule3=1023&schedule4=1023&schedule5=1023&schedule6=1023&usr=admin&pwd=		

getTemperatureState

Function	Get Temperature Degree
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getTemperatureState
Param	None

Return	degree	Temperature ℃ !
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getTemperatureState&usr=admin&pwd=	

Music

setMusicDefaultListRefresh

Function	Refresh default list
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMusicDefaultListRefresh
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMusicDefaultListRefresh&usr=admin&pwd=

getMusicListsName

Function	Get Music lists name		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMusicListsName		
Param	None		
Return	getResult	0	Sucess
		-1	Faild
	cnt	List number	
	list0	List0 name	
	list1	List1 name	
	list2	List2 name	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMusicDefaultListRefresh&usr=admin&pwd=		

getMusicsNameOfList

Function	Get Musics name of list
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMusicsNameOfList

Param	name	List name	
	startNo	Get music start from startNo	
	musicNum	Expect to get music numbers	
Return	getResult	0	Sucess
		-1	Faild
	cnt	Musics number of current music list	
	hadGet	Current CGI had get music numbers	
	music0	Music0 name	
	music1	Music1 name	
	music2	Music2 name	
	music3	Music3 name	
	music4	Music4 name	
	music5	Music5 name	
	music6	Music6 name	
	music7	Music7 name	
	music8	Music8 name	
	music9	Music9 name	
	music10	Music10 name	
	music11	Music11 name	
	music12	Music12 name	
	music13	Music13 name	
	music14	Music14 name	
	music15	Music15 name	
	music16	Music16 name	
	music17	Music17 name	
	music18	Music18 name	
	music19	Music19 name	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMusicsNameOfList&name=default&startNo=0 &musicNum=50&usr=admin&pwd=		

addMusicList

Function	Add Musics list and music	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=addMusicList&name=1&music0=1.wav	
Param	name	List name

	music0	Music0 name	
	music1	Music0 name	
	music2	Music0 name	
	music3	Music0 name	
	music4	Music0 name	
	music5	Music0 name	
	music6	Music0 name	
	music7	Music0 name	
	music8	Music0 name	
	music9	Music0 name	
Return	setResult	0	Sucess
		1	Fail,music list had alaready exist
		2	Fail,music number had exceed max number
		3	Fail,music list had not exist
		4	Cgi param_error
	cnt	List number	
	curListName	Current list name	
	list0	List0 name	
	list1	List1 name	
	list2	List2 name	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=addMusicList&name=1&music0=1.wav&music1= &music2=&music3=&music4=&music5=&usr=admin&pwd=		

delMusicList

Function	Delete Musics list and music		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=delMusicList&name=1		
Param	name	List name	
Return	delResult	0	Sucess
		1	Fail,music list had not exist
		2	Faild,cgi param_error

	cnt	List number
	curListName	Current list name
	list0	List0 name
	list1	List1 name
	list2	List2 name
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=delMusicList&name=1&usr=admin&pwd=	

setMusicPlayMode

Function	Set Musics Play Mode		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayMode&mode=1		
Param	mode	1	order
		2	One loop
		3	List loop
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayMode&mode=1&usr=admin&pwd=		

getMusicPlayMode

Function	Get Musics Play Mode		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMusicPlayMode		
Param	None		
Return	mode	1	order
		2	One loop
		3	List loop
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMusicPlayMode&usr=admin&pwd=		

setMusicPlayNext

Function	Play Next Music
privilege	admin

Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayNext
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayNext&usr=admin&pwd=

setMusicPlayPre

Function	Play Precede Music
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayPre
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayPre&usr=admin&pwd=

getMusicPlayState

Function	Get Music Play State		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMusicPlayState		
Param	None		
Return	retResult	0	Success
		-1	Faild
	cnt	Music total number	
	mode	1	order
		2	One loop
		3	List loop
	index	Music number index	
	state	0	stop
		1	playing
	name	List name	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMusicPlayState&usr=admin&pwd=		

setMusicPlayStart

Function	Start Play Music			
privilege	admin			
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayStart			
Param	mode		1	order
			2	One loop
			3	List loop
	index		Music number index	
	name		List name	
Return	None			
Note				
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayStart&mode=1&index=0&name=default&usr=admin&pwd=			

setMusicPlayStop

Function	Stop Play Music
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayStop
Param	None
Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMusicPlayStop&usr=admin&pwd=

setMusicDormantTime

Function	Set Music Dormant Time		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMusicDormantTime		
Param	minutes	-1	Not dormant
		10	10 minutes
		20	20 minutes
		30	30 minutes
Return	None		
Note			

Example	/cgi-bin/CGIProxy.fcgi?cmd=setMusicDormantTime&minutes=10&usr=admin& pwd=

getMusicDormantTime

Function	Get Music Dormant Time		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMusicDormantTime		
Param	None		
Return	minutes	-1	Not dormant
		10	10 minutes
		20	20 minutes
		30	30 minutes
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMusicDormantTime&usr=admin&pwd=		

Cloud

getCloudConfig

Function	Get Cloud Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getCloudConfig		
Param	None		
Return	isEnable	0	disable
		1	enable
	statusMsg	Status msg from server	
	cloudServer	1	Dropbox
		2	Baidu
	authAddr	Authorization addr to server	
	code	Authorization code from server	
	accessToken	Access Token from Authorization code	
	quota	Cloud storage total size	
	userd	Cloud storage userd size	
Note			

Example	/cgi-bin/CGIProxy.fcgi?cmd=getCloudConfig&usr=admin&pwd=

setCloudConfig

Function	Set Cloud Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setCloudConfig		
Param	isEnable	0	disable
		1	enable
	cloudServer	1	Dropbox
		2	Baidu
	code	Authorization code from server	
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setCloudConfig&isEnable=1&cloudServer=2&code=dfasdfdfadf&usr=admin&pwd=		

selectCloudServer

Function	Select Cloud Server		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=selectCloudServer		
Param	isEnable	0	disable
		1	enable
	cloudServer	1	Dropbox
		2	Baidu
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=selectCloudServer&isEnable=1&cloudServer=2&usr=admin&pwd=		

getCloudToken

Function	Get Cloud Token		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getCloudToken		
Param	isEnable	0	disable

		1	enable
	cloudServer	1	Dropbox
		2	Baidu
	code	Authorization code from server	
Return	None		
Note	Call this cgi, then call getCloudConfig 10s later, find accessToken		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getCloudToken&isEnable=1&cloudServer=2&code =dfasdfdfadf&usr=admin&pwd=		

getCloudQuota

Function	Get Cloud Quota		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getCloudQuota		
Param	isEnable	0	disable
		1	enable
	cloudServer	1	Dropbox
		2	Baidu
Return	None		
Note	Call this cgi, then call getCloudConfig 10s later, find quota and userd		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getCloudQuota&isEnable=1&cloudServer=2&code =dfasdfdfadf&usr=admin&pwd=		

testCloudServer

Function	Get Cloud Quota		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=testCloudServer		
Param	isEnable	0	disable
		1	enable
	cloudServer	1	Dropbox
		2	Baidu
Return	None		
Note	Call this cgi, then call getCloudConfig 10s later, find statueMsg		
Example	/cgi-bin/CGIProxy.fcgi?cmd=testCloudServer&isEnable=1&cloudServer=2&cod e=dfasdfdfadf&usr=admin&pwd=		

getPushConfig

Function	Get Push Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getPushConfig		
Param	None		
Return	isEnable	0	disable
		1	enable
	pushServer	1	Baidu
	statusMsg	Status message from server	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getPushConfig&usr=admin&pwd=		

setPushConfig

Function	Set Push Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setPushConfig		
Param	isEnable	0	disable
		1	enable
	pushServer	1	Baidu
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setPushConfig&isEnable=1&pushServer=1&usr=admin&pwd=		

testPushServer

Function	Test Push Server		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=testPushServer		
Param	isEnable	0	disable
		1	enable
	pushServer	1	Baidu

Return	None
Note	Call this cgi, then call getPushConfig 10s later
Example	/cgi-bin/CGIProxy.fcgi?cmd=testPushServer&isEnable=1&pushServer=1&usr=admin&pwd=

pushOperate

Function	Test Push pushOperate			
privilege	admin			
Usage	/cgi-bin/CGIProxy.fcgi?cmd=pushOperate			
Param	cmd_oper	1	Register App device	
		2	unRegister App device	
		3	Test device	
		4	Register tag	
		5	Push msg to single app device	
		6	Push msg to tag	
	device_type	1		Web browers
		2		pc
		3		android
		4		ios
		5		Windows phone
	channel_id	App get it from server		
	user_id	App get it from server		
Return	None			
Note				
Example	/cgi-bin/CGIProxy.fcgi?cmd=pushOperate&usr=admin&pwd=			

SetOnlineUpgrade

Function	Online upgrade		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=SetOnlineUpgrade		
Param	update_type	1	Upgrade now
		2	Upgrade by time
	url	Coding Firmware address	
	cycle	Update cycle	

Return	None
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=SetOnlineUpgrade&update_type=1&url=http://bcs.duapp.com/foscam/FosBaby_B_app_ver2.x.1.11.bin&cycle=0&usr=admin&pwd=

setCloudStreamLevel

Function	Set cloud stream level	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setCloudStreamLevel	
	level	1~100
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setCloudStreamLevel&level=30usr=admin&pwd=	

getCloudStreamLevel

Function	Get cloud stream level	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getCloudStreamLevel	
Param	None	
Return	level	1~100
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getCloudStreamLevel&usr=admin&pwd=	

4. FosBaby_Baidu CGI(Only)

getBaiduRtmp

Function	Get Baidu Rtmp information	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getBaiduRtmp	
Param	None	
Return	isEnable	Baidu Rtmp is enable

	iProperty	For record (default = 1)
	isEnableAudio	Audio is enable(yes = 1 no = 0)
	isMainStream	Is main stream(main = 1 sub = 0)
	szStreamId	Stream id,get from baidu register interface
	szPublishToken	Have defaults，get from embed
	szGuid	Have defaults，get from embed
	szDevId	Device id，now is uid
	szAccessToken	Access token
	szRefreshToken	Refresh token，now you can set none
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getBaiduRtmp&usr=admin&pwd=	

setBaiduRtmp

Function	set Baidu Rtmp information	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setBaiduRtmp	
Param	isEnable	Baidu Rtmp is enable
	iProperty	For record (default = 1)
	isEnableAudio	Audio is enable(yes = 1 no = 0)
	isMainStream	Is main stream(main = 1 sub = 0)
	szStreamId	Stream id,get from baidu register interface
	szPublishToken	Have defaults，get from embed
	szGuid	Have defaults，get from embed
	szDevId	Device id，now is uid
	szAccessToken	Access token
	szRefreshToken	Refresh token，now you can set none
Return		
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setBaiduRtmp&isEnable=1&iProperty=4&isEnableAudio=1&isMainStream=1&szStreamId=9632a1f46ad711e4aa0900259089e31a&szPublishToken=581f6d39741ef6a082e675e3c666299f&szGuid=f1d920ca34a811e3be8c286ed494a71e&szDevId=FCZZZK6I5X4IAZZZ&szAccessToken=23.303a5a04219a7d9c44d3067b6911e09a.2592000.1418817013.944800184-1247706&szRefreshToken=&usr=admin&pwd=	

GetOnlineUpgradeState

Function	Get online upgrade state			
privilege	admin			
Usage	/cgi-bin/CGIProxy.fcgi?cmd=GetOnlineUpgradeState			
Param	None			
Return	state	0	normal	
		1	upgrading	
		2	fail	
		3	File check ok (fosbaby_P1 use)	
	progress			
	Errno	0	normal	
		1	Net error	
		2	File error	
		255	Internal error	
Note				
Example	/cgi-bin/CGIProxy.fcgi?cmd=GetOnlineUpgradeState&usr=admin&pwd=			

5. FosBaby_P1 CGI(Only)

getHumidityAlarmConfig

Function	Get Humidity Alarm Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getHumidityAlarmConfig		
Param	None		
Return	isEnable	0	disable
		1	enable
	linkage	Motion alarm linkage (bit7| bit3 | bit2 | bit1 | bit0)	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
			bit7:Push to phone
	topLimit	Top humidity	
	lowerLimit	Lower humidity	

	snapInterval	Interval for snap picture
	triggerInterval	Interval for trigger alarm again,**P.s.The true value of triggerInterval time is the value of the cgi get add 5s.**
	scheduleN	N(0-6), alarm schedule
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getHumidityAlarmConfig&usr=admin&pwd=	

setHumidityAlarmConfig

Function	Set Humidity Alarm Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setHumidityAlarmConfig		
Param	isEnable	0	disable
		1	enable
	linkage	Motion alarm linkage (bit7| bit3 | bit2 | bit1 | bit0)	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
			bit7:Push to phone
	topLimit	Top Humidity	
	lowerLimit	Lower Humidity	
	snapInterval	Interval for snap picture	
	triggerInterval	Interval for trigger alarm again,**P.s.The true value of triggerInterval time is the value of the cgi set add 5s.**	
	scheduleN	N(0-6), alarm schedule	
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setHumidityAlarmConfig&isEnable=1&linkage=129&topLimit=40&lowerLimit=20snapInterval=2&triggerInterval=5&schedule0=1023&schedule1=1023&schedule2=1023&schedule3=1023&schedule4=1023&schedule5=1023&schedule6=1023&usr=admin&pwd=		

getHumidityState

Function	Get Humidity Value
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getHumidityState
Param	None
Return	humidity	Humidity %!
Note	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getHumidityState&usr=admin&pwd=

setNightLightState

Function	Set Night Light State		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setNightLightState		
Param	state	0	Nightlight Off
		1	Nightlight On
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setNightLightState&state=1&usr=admin&pwd=		

getNightLightState

Function	Get Night Light State		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getNightLightState		
Param	None		
Return	state	0	Nightlight Off
		1	Nightlight On
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getNightLightState&usr=admin&pwd=		

setOneKeyAlarmConfig

Function	Set One Key Alarm Config

privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setOneKeyAlarmConfig		
Param	isEnable	0	Enable One Key Alarm
		1	Disable One Key Alarm
	alarmLinkage	bit0	Motion Alarm
		bit1	Sound Alarm
		bit2	IO Alarm
		bit3	Temperature Alarm
		bit4	Humidity Alarm
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setOneKeyAlarmConfig&isEnable=1&alarmLinkage=3&usr=admin&pwd=		

getOneKeyAlarmConfig

Function	Get One Key Alarm Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getOneKeyAlarmConfig		
Param	None		
Return	isEnable	0	Enable One Key Alarm
		1	Disable One Key Alarm
	alarmLinkage	bit0	Motion Alarm
		bit1	Sound Alarm
		bit2	IO Alarm
		bit3	Temperature Alarm
		bit4	Humidity Alarm
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getOneKeyAlarmConfig&usr=admin&pwd=		

getTimingRebootConfig

Function	Get Timing Reboot Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getTimingRebootConfig		
Param	None		
Return	isEnable	0	Enable Timing Reboot

		1	Disable Timing Reboot
	intervalDay	7	One week
		30	One month
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getTimingRebootConfig&usr=admin&pwd=		

SetTimingRebootConfig

Function	Set Timing Reboot Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setTimingRebootConfig		
Param	isEnable	0	Enable One Key Alarm
		1	Disable One Key Alarm
	intervalDay	7	One Week
		30	One month
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setTimingRebootConfig&isEnable=1&alarmLinkage=3&usr=admin&pwd=		

6. 3518E+Fosbaby+Fosbaby_P1+Fosbaby_ Baidu

getSoftApConfig

Function	Get SoftAp Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getSoftApConfig		
Param	None		
Return	ssid	SoftAp's ssid	
	authMode	0	Open
		1	SHARED
		2	WEPAUTO
		3	WPAPSK

		4	WPA2PSK
	encryptType	0	None
		1	None
		2	AES
		3	AES
		4	AES
	psk	Password key	
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getSoftApConfig&usr=admin&pwd=		

setSoftApConfig

Function	Set SoftAp Config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSoftApConfig		
Param	ssid	SoftAp's ssid	
	authMode	0	Open
		1	SHARED
		2	WEPAUTO
		3	WPAPSK
		4	WPA2PSK
	encryptType	0	None
		1	None
		2	AES
		3	AES
		4	AES
	psk	Password key	
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSoftApConfig&ssid=FosBaby_HAHA&authMode=4&encryptType=4&psk=123456789&usr=admin&pwd=		

changeNetMode

Function	Change Net Mode
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=changeNetMode&netModeChange=1

Param	netModeChange		1	Sta to softAp
			2	softAp to sta
Return	None			
Note				
Example	/cgi-bin/CGIProxy.fcgi?cmd=changeNetMode&netModeChange=1&usr=admin&pwd=			

setFoscamRtmp

Function	set foscam Rtmp information	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setFoscamRtmp	
Param	isEnable	Foscam Rtmp is enable
	iProperty	For record (default = 1)
	isEnableAudio	Audio is enable(yes = 1 no = 0)
	isMainStream	Is main stream(main = 1 sub = 0)
	szStreamId	Stream id,get from foscam register interface
	szPublishToken	Have defaults，get from embed
	szGuid	Have defaults，get from embed
	szDevId	Device id，now is uid
	szAccessToken	Access token
	szPortal	Dispatching Center Address
Return		
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setBaiduRtmp&isEnable=1&iProperty=4&isEnableAudio=1&isMainStream=1&szStreamId=9632a1f46ad711e4aa0900259089e31a&szPublishToken=581f6d39741ef6a082e675e3c666299f&szGuid=f1d920ca34a811e3be8c286ed494a71e&szDevId=FCZZZK6I5X4IAZZZ&szPortal=23.303a5a04219a7d9c44d3067b6911e09a.2592000.1418817013.944800184-1247706&szRefreshToken=&usr=admin&pwd=	

getFoscamRtmp

Function	Get Foscam Rtmp information
privilege	admin
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getFoscamRtmp

Param	None	
Return	isEnable	Foscam Rtmp is enable
	iProperty	For record (default = 1)
	isEnableAudio	Audio is enable(yes = 1 no = 0)
	isMainStream	Is main stream(main = 1 sub = 0)
	szStreamId	Stream id,get from foscam register interface
	szPublishToken	Have defaults，get from embed
	szGuid	Have defaults，get from embed
	szDevId	Device id，now is uid
	szAccessToken	Access token
	szPortal	Dispatching Center Address
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=getBaiduRtmp&usr=admin&pwd=	

setSnapToFtpFilenameConfig

Function	Set snapPicture filename	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSnapToFtpFilenameConfig	
Return		
Param	isEnableSetFilename	setSnapToFtpFilenameConfig is enable
	filename	File name
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSnapToFtpFilenameConfig&usr=admin&pwd= &isEnableSetFilename=1&filename=picture	

getSnapToFtpFilenameConfig

Function	get snapPicture filename information	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getSnapToFtpFilenameConfig	
Param	None	
Return	isEnableSetFilename	setSnapToFtpFilenameConfig is enable
	filename	File name
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=etSnapToFtpFilenameConfig&usr=admin&pwd=	

7. Fosbaby_P1+3518E

setLedEnableState

Function	Set Led Enable State		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setLedEnableState		
Param	isEnable	0	Sys and Net LED Off
		1	Sys and Net LED On
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setLedEnableState&isEnable=1&usr=admin&pwd =		

getLedEnableState

Function	Get Led Enable State		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getLedEnableState		
Param	None		
Return	isEnable	0	Sys and Net LED Off
		1	Sys and Net LED On
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getLedEnableState&usr=admin&pwd=		

*logID:

 0:System power on

 1:Detect motion alarm

 2:user login

 3:user logout

 4:user off line

8. Amba S2L(Only)

getHdrMode

Function	Get HDR mode		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getHdrMode		
Param	None		
Return	mode	0	HDR closed
		1	HDR opend
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=getHdrMode&usr=admin&pwd=		

setHdrMode

Function	Set HDR Mode		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setHdrMode		
Param	mode	0	Close HDR
		1	Open HDR
Return	None		
Note			
Example	cgi-bin/CGIProxy.fcgi?cmd=setHdrMode&mode=1&usr=admin&pwd=		

getWdrMode

Function	Get WDR mode		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getWdrMode		
Param	None		
Return	mode	0	WDR closed
		1	WDR opend
Note			

Example	/cgi-bin/CGIProxy.fcgi?cmd=getWdrMode&usr=admin&pwd=

setWdrMode

Function	Set WDR Mode		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setWdrMode		
Param	mode	0	Close WDR
		1	Open WDR
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setWdrMode&mode=1&usr=admin&pwd=		

getVideoStreamParam

Function	Get video stream param	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getVideoStreamParam	
Param	None	
Return	resolutionN	Resolution of stream type N
	bitRateN	Bit rate of stream type N (20480~2097152)
	frameRateN	Frame rate of stream type N
	GOPN	P frames between I frame of stream type N
	isVBRN	Bitrate control mode:0-CBR 1-CBR 2-LBR
	lbrRatio	Ratio of LBR,range from 10 to 50
Note	N means streamType [0~3]	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getVideoStreamParam&usr=admin&pwd=	

setVideoStreamParam

Function	Set the video stream param of stream N	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setVideoStreamParam	
Param	streamType	0~3
	resolution	Resolution of stream type N
	bitRate	Bit rate of stream type N (20480~2097152)

	frameRate	Frame rate of stream type N
	GOP	P frames between I frame of stream type N The suggest value is: X * frameRate
	isVBR	Bitrate control mode:0-CBR 1-CBR 2-LBR
	lbrRatio	Ratio of LBR,range from 10 to 50
Return	None	
Note		
Example	/cgi-bin/CGIProxy.fcgi?cmd=setVideoStreamParam&streamType=0&resolution=0&bitRate=2097152&frameRate=30&GOP=30&isVBR=2&lbrRatio=27&usr=admin&pwd=	

getSubVideoStreamParam

Function	Get sub video stream param	
privilege	visitor	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getSubVideoStreamParam	
Param	None	
Return	resolutionN	Resolution of stream type N
	bitRateN	Bit rate of stream type N (20480~2097152)
	frameRateN	Frame rate of stream type N
	GOPN	P frames between I frame of stream type N
	isVBRN	Bitrate control modeof stream type N:0-CBR 1-CBR 2-LBR
	lbrRatio	Ratio of LBR,range from 10 to 50
Note	N means streamType [0~3]	
Example	/cgi-bin/CGIProxy.fcgi?cmd=getSubVideoStreamParam&usr=admin&pwd=	

setSubVideoStreamParam

Function	Set the sub video stream param of stream N	
privilege	admin	
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setSubVideoStreamParam	
Param	streamType	0~3
	resolution	Resolution of stream type N
	bitRate	Bit rate of stream type N (20480~2097152)
	frameRate	Frame rate of stream type N
	GOP	P frames between I frame of stream type N

	The suggest value is: X * frameRate		
	isVBR	Bitrate control mode:0-CBR 1-CBR 2-LBR	
	lbrRatio	Ratio of LBR,range from 10 to 50	
Return	None		
Note			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setSubVideoStreamParam&streamType=0&resolution=0&bitRate=2097152&frameRate=30&GOP=30&isVBR=2&lbrRatio=27&usr=admin&pwd=		

getMotionDetectConfig1

Function	Get motion detect config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=getMotionDetectConfig		
Param	None		
Return	isEnable	Is enable motion detect alarm	
	linkage	Motion alarm linkage (bit7 | bit6 | bit5 | bit4 bit3 | bit2 | bit1 | bit0)	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
			bit4:IO out
			bit5:Snap to cloud
			bit6:Record to cloud
			bit7:Push message to the phone
	snapInterval	The interval time to snap picture again	
	sensitivity	Motion detect sensitivity	0 : Low
			1: Normal
			2: High
			3: Lower
			4: Lowest
	triggerInterval	The time of which motion detect alaram can trigger again when a motion detection has happened.**P.s.The true value of triggerInterval time is the value of the cgi get add 5s.**	
	isMovAlarmEnable	Is enable motion alarm detect	
	isPirAlarmEnable	Is enable Passive Infrared alarm detect	
	scheduleN	The motion alaram schedule of one week,	

		N = 0(Monday) ~6(Sunday) For detail, see *1 bellow			
	Area(N)N(1-3)	x	Abscissa value of the detected area's topleft point		
		y	Vertical value of the detected area's topleft point		
		width	The width of the detected area		
		height	The height of the detected area		
		sensitivity	Motion detect sensitivity		
		valid	Whether the area is valid	0:invalid	
				1:valid	
Note	·The min unit of schedule is half an hour, scheduleN value range 2^N-1(N[0-48]) .areaN value 2^N-1(N[0-10])				
Example	/cgi-bin/CGIProxy.fcgi?cmd=getMotionDetectConfig1&usr=admin&pwd=				

setMotionDetectConfig1

Function	Set motion detect config		
privilege	admin		
Usage	/cgi-bin/CGIProxy.fcgi?cmd=setMotionDetectConfig		
Param	isEnable	Is enable motion detect alarm	
	linkage	Motion alarm linkage (bit7 | bit6 | bit5 | bit4 bit3 | bit2 | bit1 | bit0)	bit0:Ring
			bit1:Send mail
			bit2:Snap picture
			bit3:Record
			bit4:IO out
			bit5:Snap to cloud
			bit6:Record to cloud
			bit7:Push message to the phone
	snapInterval	The interval time to snap picture again	
	triggerInterval	The time of which motion detect alaram can trigger again when a motion detection has happened.**P.s.The true value of triggerInterval time is the value of the cgi set add 5s.**	
	isMovAlarmEnable	0	Disable
		1	Enable
	isPirAlarmEnable	0	Disable

		1	Enable	
	schedule N		The motion alaram schedule of one week, N = 0(Monday) ~6(Sunday) For detail, see *1 bellow	
	Area(N) N(1-3)	x	Abscissa value of the detected area's topleft point	
		y	Vertical value of the detected area's topleft point	
		width	The width of the detected area	Range[0,10000]
		height	The height of the detected area	Range[0,10000]
		sensitivity	Motion detect sensitivity	0 : Low
				1: medium
				2: High
				3: Lower
				4: Lowest
		valid	Whether the area is valid	0:invalid
				1:valid
Return	None			
Note	·The min unit of schedule is half an hour, scheduleN value range $2^N - 1$ (N[0-48]) .			
Example	/cgi-bin/CGIProxy.fcgi?cmd=setMotionDetectConfig1&isEnable=1&linkage=15& snapInterval=2&triggerInterval=6&isMovAlarmEnable=1&isPirAlarmEnable=1& schedule0=281474976710655&schedule1=281474976710655&schedule2=281 474976710655&schedule3=281474976710655&schedule4=281474976710655 &schedule5=281474976710655&schedule6=281474976710655&x1=0&y1=0& width1=300&height1=300&sensitivity1=1&valid1=1&x2=1220&y2=234&width2= 1000&height2=2000&sensitivity2=2&valid2=1&x3=0&y3=3456&width3=9000&h eight3=2340&sensitivity3=3&valid3=0&x4=0&y4=0&width4=9000&height4=900 0&sensitivity4=3&valid4=0&usr=admin&pwd=			