

#一、File download

If it is stored on the SD card, continuous shooting is supported. Enter the download mode first, then select it, and then download it with id.jpg.

If it is stored on PC, you can download it directly according to ID, and only single shot is supported.

Each time you restart, the storage method will be reset, and the photos previously cached on the PC will be cleared.

##0. Enter download mode

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=enterDownloadMode

####Response

OK

##1. Get all photos ID numbers

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getPhotosId

####Response

found = 1 //Total number of photos

items[0].id = id //ID number of the first photo

##2. Get all videos ID numbers

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getVideosId

####Response

found = 1 //Total number of videos

items[0].id = id //ID number of the first video

##3. Select ID

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=select&id=262197

####Response

OK

##3. Download file

http://<ip>:port/cgi-bin/files/262197.jpg

##4. Exit download mode

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=exitDownloadMode

####Response

OK

#二、Camera Setting

##Focus

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=focus&mode=%d

- 0 : Auto-focus
- 1 : Focus+
- 2 : Stop Focus+
- 3 : Focus-
- 4 : Stop Focus-

####Response

OK

Get focus mode

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getFocusMode

####Response

FocusMode=%d
0:Auto
1:AF_S
2:AF_C

Get focus value

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getFocusValue

####Response

Focus=%d

Set focus value

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=setFocusValue&value=%d

####Response

OK

Zoom

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=zoom&mode=%d

- 0 - Zoom+
- 1 - Stop Zoom+
- 2 - Zoom-
- 3 - Stop Zoom-

####Response

OK

Get zoom magnification

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getZoomMagnification

####Response

zoomMagnification=%d

####Remark

2x zoomMagnification=20,1.5x zoomMagnification=15

Set zoom value

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=setZoomValue&value=%d

####Response

OK

####Remark

2x zoom value=20,1.5x zoom value=15

Set shoot mode

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=shootMode&mode=%d

mode:

0-Intelligent auto mode

1-Advanced auto mode

2-Program auto mode

3-Aperture priority

4-Shutter priority

5-Manual mode

####Response

OK

Get shoot mode

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getShootMode

####Response

mode = %d

Shutter speed setting

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=shutterSpeedMode&mode=%d

mode:

0-30"

1-20"

2-10"

3-1"

4-0.5"

5-1/5

6-1/10

7-1/15

8-1/25

9-1/40

10-1/80

11-1/125

12-1/200

13-1/320

14-1/500

15-1/800

16-1/1250

17-1/1600

18-1/2500

19-1/4000

####Response

OK

Get shutter speed

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getShutterSpeedMode

####Response

mode = %d

Aperture setting

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=apertureMode&mode=%d

mode:

10-F2.8

11-F3.2

12-F3.5

13-F4.0

14-F4.5

15-F5.0

16-F5.6

17-F6.3

18-F7.1

19-F8.0

20-F9.0

21-F10.0

22-F11.0

23-F13.0

24-F14.0

25-F16.0

26-F18.0

27-F20.0

28-F22.0

29-F25.0

30-F29.0

31-F32.0

32-F36.0

####Response

OK

Get aperture

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getApertureMode

####Response

mode = %d

ISO setting

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=isoMode&mode=%d

mode:

0-ISOAUTO

1-ISO100

2-ISO160

3-ISO250

4-ISO400

5-ISO640

6-ISO800

7-ISO1250

8-ISO2000

9-ISO3200

10-ISO5000

11-ISO8000

12-ISO12800

13-ISO16000

####Response

OK

Get ISO

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getIsoMode

####Response

mode = %d

Exposure compensation setting

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=exposureCompensationMode&mode=%d

d

mode:

0- -3.0Ev
1- -2.3Ev
2- -1.7Ev
3- -1.0Ev
4- -0.3Ev
5- -0Ev
6- 0.3Ev
7- 1.0Ev
8- 1.7Ev
9- 2.3Ev
10- 3.0Ev

####Response
OK

Get exposure compensation

####URL Syntax

<http://<ip>:port/cgi-bin/configManager.cgi?action=getExposureCompensation>

####Response

mode = %d

Video

####URL Syntax

<http://<ip>:port/cgi-bin/configManager.cgi?action=setVideo&mode=%d>

mode=0 Start recording

mode=1 Stop recording

####Response

OK

Get video status

####URL Syntax

<http://<ip>:port/cgi-bin/configManager.cgi?action=getVideoMode>

####Response

mode=%d

mode = 1: It is recording
mode = 0: No video recording

Photograph

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=capture&mode=%d

mode = 0: Single shot

mode = 1: Continuous shooting

mode = 2: Stop photographing

####Response

Success: id=%d

F a i l : Error

Download photos

####URL Syntax

http://<ip>:port/cgi-bin/files/%d.jpg

####Response

jpgfile

Set save path

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=setSavePath&path=%d

0 : PC

1 : SD card

####Response

OK

Get save path

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getSavePath

####Response

0 : PC

1 : SD 卡

Set image size

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=setImageSize&mode=%d

1 : L

2 : M

3 : S

####Response

OK

Get image size

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getImageSize

####Response

mode=1 : L

mode=2 : M

mode=3 : S

Set image quality

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=setImageQuality&mode=%d

1 - STD

2 - FINE

3 - RAW+JPEG

####Response

Ok

Get image quality

http://<ip>:port/cgi-bin/configManager.cgi?action=getImageQuality

####Response

mode=1 : STD

mode=2 : FINE

mode=3 : RAW+JPEG

Get SD card Status

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=getSDStatus

####Response

mode=0 : No SD card

mode=1 : Detect SD card

Format SD card

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=formatMedia

####Response

OK

Set IP address

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?address=%s&gateway=%s&broadcast=%s

####Response

OK

####For example

http://192.168.1.108/cgi-bin/modi_ip.cgi?address=192.168.42.108&gateway=192.168.42.1&broadcast=192.168.42.255

Set camera date

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=setDate&date=%s

####Response

OK

####For example

http://<ip>:port/cgi-bin/configManager.cgi?action=setDate&date=20181201T150000+0000

Get device ID

####URL Syntax

http://<ip>:port/cgi-bin/magicBox.cgi?action=getSystemInfo

####Response

id

##Power off

####URL Syntax

http://<ip>:port/cgi-bin/configManager.cgi?action=powerOff

####Response

OK