



TR530/TR320

HTTP CGI Commands (Updated 8/14/2020)



HTTP CGI scripts

CGI List for Video Transmission						
CGI item name	URL	Command	Parameter Name	Parameter value	Description	
Get MJPEG stream	http://ip/livestream/livestream?action=get				640x360	
Get RTSP stream	rtsp://ip/live_01					
GET JPEG	http://ip/jpegFiles/u9p1-MJPEG-00.jpg	u9p1-MJPEG-00.jpg - u9p1-MJPEG-10.jpg				
	/webui?StartStreaming=ActionPTZ					
	/webui?SaveImage=Mod_cram_ptz1.jpg	Mod_cram_ptz1.jpg - Mod_cram_ptz4.jpg				
	Mod_cram_ptz1.jpg					
CGI List for Camera Control						
CGI item name	URL	Command	Parameter Name	Parameter value	Description	
up start	/webui?SetPtfz=	1,0,1&(random)				
up end	/webui?SetPtfz=	1,0,2&(random)				
down start	/webui?SetPtfz=	1,1,1&(random)				
down end	/webui?SetPtfz=	1,1,2&(random)				
left start	/webui?SetPtfz=	0,1,1&(random)				
left end	/webui?SetPtfz=	0,1,2&(random)				
right start	/webui?SetPtfz=	0,0,1&(random)				
right end	/webui?SetPtfz=	0,0,2&(random)				
zoom_in start	/webui?SetPtfz=	2,0,1&(random)				
zoom_in end	/webui?SetPtfz=	2,0,2&(random)				
zoom_out start	/webui?SetPtfz=	2,1,1&(random)				
zoom_out end	/webui?SetPtfz=	2,1,2&(random)				
set preset:	/webui?ActPreSet=	1,N&(random)			N : position	
load preset:	/webui?SetPtfz=	0,N&(random)			N : position	
CGI List for Various Settings						
exposure value	/webui?Set=	img_expo_expo.3.N&(random)	value	1 ~ 9	N : value	
saturation	/webui?Set=	img_saturation.3.N&(random)	value	0 ~ 10	N : value	
contrast	/webui?Set=	img_contrast.3.N&(random)	value	0 ~ 4	N : value	
Tracking on:	/webui?Set=	trk_tracking.3.1&(random)				
Tracking off:	/webui?Set=	trk_tracking.3.0&(random)				
Reboot	/webui?Set=reboot.3.1&X				X : random value	
Factory Reset	/webui?OnePush=C_DEFAULT&X				X : random value	random number
Call Profile	http://ip/webui?ActProFiles=	call.3.N&(random)			N : Profile number	X : value
Save Profile	/webui?ActProFiles=	save.3.N&(random)			N : Profile number	
Set Profile Name	/webui?ActProNames=	Set,N(Name)&(random)			N : Profile number	

Example codes

Assuming the camera having an IP address of 10.10.10.5

Up start : [http://10.10.10.5/webui?SetPtfz=1,0,1&0,1,1&\(1234\)](http://10.10.10.5/webui?SetPtfz=1,0,1&0,1,1&(1234))

Zoom_in start : [http://10.10.10.5/webui?SetPtfz=2,0,1&\(1235\)](http://10.10.10.5/webui?SetPtfz=2,0,1&(1235))

Tracking on : [http://10.10.10.5/webui?Set=trk_tracking,3,1&\(1236\)](http://10.10.10.5/webui?Set=trk_tracking,3,1&(1236))

Tracking off : [http://10.10.10.5/webui?Set=trk_tracking,3,0&\(1237\)](http://10.10.10.5/webui?Set=trk_tracking,3,0&(1237))

The (random) code is user defined and can be any unique code in sequence.

This ID cannot be the same, otherwise the camera will ignore this command.

Example codes:

There are the examples for saturation, exposure, and contrast.

Saturation example:

[http://10.100.93.82/webui?Set=img_saturation,3,10&\(1238\)](http://10.100.93.82/webui?Set=img_saturation,3,10&(1238)) <= the red value **10** is the value of saturation.

Exposure example #1:

[http://10.100.93.82/webui?Set=img_expo_expo,3,9&\(1239\)](http://10.100.93.82/webui?Set=img_expo_expo,3,9&(1239)) <= the red value **9** is the value of exposure, the exposure value (-4 ~ 4) in system is 4.

Exposure example #2:

[http://10.100.93.82/webui?Set=img_expo_expo,3,1&\(1240\)](http://10.100.93.82/webui?Set=img_expo_expo,3,1&(1240)) <= the red value **1** is the value of exposure, the exposure value (-4 ~ 4) in system is -4.

Contrast example:

[http://10.100.93.82/webui?Set=img_contrast,3,4&\(1241\)](http://10.100.93.82/webui?Set=img_contrast,3,4&(1241)) <= the red value **4** is the value of contrast.