TR530+/TR530/TR320/PTC500S

HTTP CGI Commands (Updated 6/2/2022)

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_st1				
GET JPEG	/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?SetPtzf=	1,0,1&(random)			
up end	/webui?SetPtzf=	1,0,2&(random)			
down start	/webui?SetPtzf=	1,1,1&(random)			
down end	/webui?SetPtzf=	1,1,2&(random)			
left start	/webui?SetPtzf=	0,1,1&(random)			
left end	/webui?SetPtzf=	0,1,2&(random)			
right start	/webui?SetPtzf=	0,0,1&(random)			
right end	/webui?SetPtzf=	0,0,2&(random)			
zoom_in start	/webui?SetPtzf=	2,0,1&(random)			
zoom_in end	/webui?SetPtzf=	2,0,2&(random)			
zoom_out start	/webui?SetPtzf=	2,1,1&(random)			
zoom_out end	/webui?SetPtzf=	2,1,2&(random)			
set preset:	/webui?ActPreset=	1,N&(random)			N : position
load preset:	/webui?SetPtzf=	0,N&(random)			N : position
CGI List for Various Settings					
CGI item name	**URL**	**Command**	**Parameter Name**	**Parameter value**	**Description**
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
Call Profile	http://ip/webui?ActProFiles=	call,3,N&(random)			N= Profile number
Save Profile	/webui?ActProFiles=	save,3,N&(random)			N= Profile number
Set Profile Name	/webui?ActProNames=	Set,N,(Name)&(random)			N= Profile number
Tracking On/Off Get	/webui?Get=trk_tracking,3&_=**X**	PTC	- Reply	On trk_tracking=1 Off trk_tracking=0	X : random value
Call Profile	/webui?ActProFiles=	call,3,N&(random)			N= Profile number
Save Profile	/webui?ActProFiles=	save,3,N&(random)			N= Profile number
Set Profile Name	/webui?ActProNames=	Set,N,(Name)&(random)			N= Profile number
RTMP Start streamming	/webui?Set=	Set=vdo_rtmp_enable,3,1			
RTMP Stop streamming	/webui?Set=	Set=vdo_rtmp_enable,3,0			

Example codes

Assuming the camera having an IP address of 10.10.10.5

Up start : http://10.10.10.5/webui?SetPtzf=1,0,1&0,1,1&(1234)

Zoom_in start : http://10.10.10.5/webui?SetPtzf=2,0,1&(1235)

Tracking on : 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)

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)   <= 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)   <= 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)   <= 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) <= the red value 4 is the value of contrast.