



PTZ310/330

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 JPEG	/snapshot				640x360 jpg
Get RTSP stream	rtsp://plive_st1				
CGI List for Camera Control					
up start	/storks?cmd=	up_start			
up end	/storks?cmd=	up_end			
down start	/storks?cmd=	down_start			
down end	/storks?cmd=	down_end			
left start	/storks?cmd=	left_start			
left end	/storks?cmd=	left_end			
right start	/storks?cmd=	right_start			
right end	/storks?cmd=	right_end			
go home	/storks?cmd=	go_home			
zoom_in start	/storks?cmd=	zoom_in_start			
zoom_in end	/storks?cmd=	zoom_in_end			
zoom_out start	/storks?cmd=	zoom_out_start			
zoom_out end	/storks?cmd=	zoom_out_end			
near start	/storks?cmd=	near_start			
near end	/storks?cmd=	near_end			
far start	/storks?cmd=	far_start			
far end	/storks?cmd=	far_end			
set preset:	/storks?cmd=	set_preset:	position	1-255	
load preset:	/storks?cmd=	load_preset:	position	1-255	
set pan_speed:	/storks?cmd=	set_pan_speed:	pan speed	1 ~ 24	
set tilt_speed:	/storks?cmd=	set_tilt_speed:	tilt speed	1 ~ 24	
set zoom_speed:	/storks?cmd=	set_zoom_speed:	zoom_speed	0-6	
set preset_speed	/storks?cmd=	set_preset_speed	preset_speed	1-6	1/2/3/4/5/6 5/25/50/100/150/200
Enable AF	/storks?cmd=	enable_af:	enable/disable	1/0	
MF control	/storks?cmd=	mf:	Near/Far	1/0	
Set PTZ Slow mode	/storks?cmd=	set_pt_slow:	on/off	1/0	

CGI List for Various Settings					
set freeze	/storks?cmd=				
trigger focus	/storks?cmd=	focus_trigger			
3A mode switch	/storks?cmd=	set_expmode:	mode	0/1/2/3	0/1/2/3 Full Auto/ShutterPriority/IrisPriority/Manual
Image setting default	/storks?cmd=	set_img_default			
exposure value	/storks?cmd=	set_expval:	value	(-4~4)	
shutter value	/storks?cmd=	set_shutter:	value	0-15	0/1/2/3/4/5/6/7/8/9/10/11/12/13/14/15 (1/32K)/(1/16K)/(1/8K)/(1/4K)/(1/2K)/(1/1K)/(1/500)/(1/250)/(1/100) (1/150)/(1/25)/(1/20)/(1/10)/(1/5)/(1/2)/(1/1)
iris value	/storks?cmd=	set_iris:	value	0-13	0/1/2/3/4/5/6/7/8/9/10/11/12/13 0/F14/F11/F8.0/F6.8/F5.6/F4.8/F4.0/F3.4/F2.8/F2.4/F2.0/F1.8/F1.6
gain	/storks?cmd=	set_gain:	value	0-16	Value*3 db (0-48db)
gain limit	/storks?cmd=	set_gain_limit:	value	0-8	24-48db (value*3+24)
slow shutter	/storks?cmd=	set_slow_shutter:	on/off	1/0	
back light compensation	/storks?cmd=	set_blc:	value	(0/1/2)	0/1/2 off/low/high
set white balance mode	/storks?cmd=	set_wb:	value	0/2/3/4/5	Auto/Indoor/Outdoor/One Push/Manual
color temprature	/storks?cmd=	set_colortemp:	value	2500-10000	
one push white balance	/storks?cmd=	set_one_push_wb:	value		
noise filter	/storks?cmd=	set_nf:	value	0-3	0/1/2/3 off/low/med/high
Power frequency	/storks?cmd=	set_freq:	value	1-3	1/2/3 50/60/auto
saturation	/storks?cmd=	set_saturation:	value	0-10	
contrast	/storks?cmd=	set_contrast:	value	0-4	
sharpness	/storks?cmd=	set_sharpness:	value	0-3	
mirror	/storks?cmd=	set_mirror:	on/off	1/0	
flip	/storks?cmd=	set_flip:	on/off	1/0	
mirror+flip	/storks?cmd=	mirror_flip:	value	0/1/2/3	0/1/2/3 off/enable mirror/enable flip/enable two
Enable SmartShot	/storks?cmd=	set_smartshot:		1/0	
Enable SmartFrame	/storks?cmd=	set_smartframing:		1/0	
Reboot	/storks?cmd=	sys_reboot			GET(Basic Authentication)
Factory Reset	/storks?cmd=	set_factory_default			POST(Basic Authentication)

Example codes

Assuming the camera having an IP address of 10.10.10.5

Up start : http://10.10.10.5/storks?cmd=up_start

Zoom_in start : http://10.10.10.5/storks?cmd=zoom_in_start

Set preset: http://10.10.10.5/storks?cmd=set_preset:5

Set preset_speed: http://10.10.10.5/storks?cmd=set_preset_speed:5