



# PTZ310/330

**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 JPEG	/snapshot				640x360 jpg
Get RTSP stream	rtsp://ip/live_stri				

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_expvil	value	(-4~4)	

shutter value	/storks?cmd=	set_shutter:	value	0~15	0/1/2/4/5/6/7/8/9/10/11/12/13/ 14/15 (1/2K)(1/16K)(1/8K)(1/4K)(1/ 2K)(1/1K)(1/500)(1/250)(1/100/ 00)(1/50)(1/25)(1/20)(1/10)(1/ 5)(1/2)(1/1)
iris value	/storks?cmd=	set_iris:	value	0~13	
gain	/storks?cmd=	set_gain:	value	0~16	0/1/2/3 db (0~48db)
gain limit	/storks?cmd=	set_gain_limit	value	0~6	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 temperature	/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 freqency	/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_smartsht:1			
Disable Smartshot	/storks?cmd=	set_smartsht:0			
Enable SmartFrame	/storks?cmd=	set_smartsframing:1			
Disable Smartframe	/storks?cmd=	set_smartsframing:0			
Reboot	PTZ - (S310/S330)		GET(Basic Authentication)	/storks?cmd=sys_reboot	
Factory Reset		PTZ - (S310/S330)	POST(Basic Authentication)	/storks?cmd=set_factory_default	

StartRTMP	/storks?cmd=	set_rtmp_start(server="server";key="key");			Example: http://192.168.1.168/stork?cmd=set_rtmp_start(server="rtmp://rtmp.youtube.com/live2";key="0c-f23a-b1xx-9988-878h")
StopRTMP	/storks?cmd=	set_rtmp_stop			Example: http://10.100.105.155/stork?cmd=get_sys_stat
Status get (Model name & mac & FW_VER)	/storks?cmd=	get_sys_stat			<p>Reply:</p> <pre>osd_disp=0;osd_status=1:m option_mode=0;power_saving=0;web_lang=0;mac=00:18:1A:04:AC:80 ipaddr=10.100.105.155;fw_ver=0.0003.72 isp_ver=0;model_name=PTZ330-sn=5309112400007;ispine=0;</pre> <p>PS: MAC, Model SN, FW ver., and the manufacturer info could be found from the Mac address 00:18:1A which belongs to AVer Information</p>

## 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](http://10.10.10.5/storks?cmd=up_start)

Zoom\_in start : [http://10.10.10.5/storks?cmd=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](http://10.10.10.5/storks?cmd=set_preset:5)

Set preset\_speed: [http://10.10.10.5/storks?cmd=set\\_preset\\_speed:5](http://10.10.10.5/storks?cmd=set_preset_speed:5)