

# Pixord H.264 series CGI quick guide v1.0

CGI version		Pixord_H_264_CGI_Reference_Manual_v1.5
FUNCTIONS OF CGI		CGI
General	Vendor Name	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=list&Brand.Brand
	Model Name	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=list&Brand.ProductModel
	Firmware Version	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=list&Properties.Firmware.Version
Video Relative	Video Channel	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&Image.I0x(0:stream1;1:stream2;2:stream3).G00.xxx=xxx
	Video Bit Stream : RTSP : TCP	rtsp://192.168.0.137/v00/trackID=1 (The Ip-cam can auto use TCP or UDP depends RTSP request)
	Video Bit Stream : RTSP :UDP	rtsp://192.168.0.137/v00/trackID=1 (The Ip-cam can auto use TCP or UDP depends RTSP request)
	Video Bit Stream : Proprietary : TCP	Refer to Pixord_H_264_CGI_Reference_Manual (Appendix section)
	Video Bit Stream : Proprietary : UDP	Refer to Pixord_H_264_CGI_Reference_Manual (Appendix section)
	Video format (MJPEG, MPEG4, H264, MxPEG)	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&Image.I0x(0:stream1;1:stream2;2:stream3).G00.Stream.Format=h264
	Video Standard (NTSC/PAL) (50Hz/60Hz)	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&ImageSource_I00_Exposure=flickerfree60(flickerfree50:50Hz:flickerfree60:60Hz)&ImageSource_I00_ExternalOutputFormat=ntsc(ntsc:NTSC;pal:PAL)
	Frame rate	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&Image.I0x(0:stream1;1:stream2;2:stream3).G00.Stream.FPS=15
	Resolution	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&Image.I0x(0:stream1;1:stream2;2:stream3).G00.Appearance.Resolution=800x600
	Compression/Quality	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&Image.I0x(0:stream1;1:stream2;2:stream3).G00.Appearance.Compression=best
Bit Rate	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&Image.I0x(0:stream1;1:stream2;2:stream3).G00.RateControl.TargetBitrat	

		e=2000
	Rotate Image (Flip, Mirror)	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&ImageSource_I00_Mirror_Vert=yes/no
	Brightness	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&ImageSource.I00.Brightness=-100~100
	Contrast	Not support
	Saturation	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&ImageSource.I00.Saturation=-100~100
	Hue	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&ImageSource.I00.HueAngle=-100~100
Audio Format	Audio Bit Stream : RTSP : TCP	rtsp://192.168.0.137/v00/trackID=0 (The Ip-cam can auto use TCP or UDP depends RTSP request)
	Audio Bit Stream : RTSP :UDP	rtsp://192.168.0.137/v00/trackID=0 (The Ip-cam can auto use TCP or UDP depends RTSP request)
	Audio Bit Stream : Proprietary : TCP	Refer to Pixord_H_264_CGI_Reference Manual( Appendix section)
	Audio Bit Stream : Proprietary : UDP	Refer to Pixord _H_264_CGI_Reference Manual (Appendix section)
	Audio In : Format	Not need CGI, default is G.711-u
	Audio In : Enable/Disable	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&Layout.LiveAudio=0(0:disable;1:enable)
	Audio Out (Talk) : Format	Not need CGI, default is G.711-u
	Audio Out (Talk) : Protocol	UDP
	Audio Out (Talk) : Enable/Disable	http://192.168.0.200/cgi-bin/admin/audio?KAUD=PLAY (Enable) http://192.168.0.200/cgi-bin/admin/audio?KAUD=STOP (Disable)
IO device module	Input : Query : CGI	http://192.168.0.200/cgi-bin/admin/gpiostatus.cgi (IP-cam replies Input.I00.Status=high Input.I01.Status=high Output.O00.Status=high)
	Output : Query : CGI	http://192.168.0.200/cgi-bin/admin/gpiostatus.cgi (IP-cam replies Input.I00.Status=high Input.I01.Status=high Output.O00.Status=high)
	Output : Set	http://192.168.0.200/cgi-bin/admin/param.cgi?action=update&Output

		t.O00.Status=high/low
PTZ control	Pan	http://192.168.0.200/cgi-bin/admin/ptz.cgi?action=ptz_play&ch=0&cmd=up/down
	Tilt	http://192.168.0.200/cgi-bin/admin/ptz.cgi?action=ptz_play&ch=0&cmd=left/right
	Zoom	http://192.168.0.200/cgi-bin/admin/ptz.cgi?action=ptz_play&ch=0&cmd=zoomin/zoomout
	Preset point (max : 16 points) : Clear	http://192.168.0.200/cgi-bin/admin/ptz.cgi?action=ptz_play&ch=0&cmd=delete_preset&point=1~16
	Preset point (max : 16 points) : Set	http://192.168.0.200/cgi-bin/admin/ptz.cgi?action=ptz_play&ch=0&cmd=save_preset&point=1~16
	Preset point (max : 16 points) : Go	http://192.168.0.200/cgi-bin/admin/ptz.cgi?action=ptz_play&ch=0&cmd=go_preset&point=1~16
	Move	Not support
	Auto Pan	http://192.168.0.200/cgi-bin/admin/ptz.cgi?action=ptz_play&ch=0&cmd=autopan_start/autopan_stop
	Focus	http://192.168.0.200/cgi-bin/admin/ptz.cgi?action=ptz_play&ch=0&cmd=focusin/focusout
PTZ setting	Pan speed	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&PTZ.C00.Speed=1~10
	Tilt speed	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&PTZ.C00.Speed=1~10
	Auto Pan speed	http://192.168.0.200/cgi-bin/admin/param.cgi?actions=update&PTZ.C00.Speed=1~10
Functions	UPnP	UPnP default is enable
	Motion from Device Query : CGI	Refer to Pixord _H_264_CGI_Reference Manual Section 2.8