

# LILIN AHD DVR CGI Command List

Trigger Event CGI	URL request	<a href="http://dvr-ip:port/dvr/msg">http://dvr-ip:port/dvr/msg</a>
	Raw HTTP header GET request	GET /dvr/msg HTTP/1.1 Host: <b>dvr-ip:port</b> Authorization: Basic <b>base64-encoded-auth-string</b> , by default use "admin:1111" for LILIN AHD DVR.
	Parameter Description	dvr-ip : Current DVR IP Address port : Current DVR HTTP Port
	Response Data Type	The first Response would get the current Event status. The Record Trigger Format: <Trigger Event="Scheme" ID="0"/> <Trigger Event="Record" ID="0" Type="Event"/> <Trigger Event="Record" ID="1" Type="Event"/> <Trigger Event="Record" ID="2" Type="None"/> <Trigger Event="Record" ID="3" Type="Event"/> ID: Channel. Type is Record's mode. The Type have three status. Continue Record(Conti), Event Record(Event) and None Record(None). The Sensor, Motion, VLoss Trigger Format: <Trigger Event="Sensor" Value="sensorbits"/> <Trigger Event="Motion" Value="chbits"/> <Trigger Event="VLoss" Value="chbits"/>
H.264 Streaming CGI (Live/PlayBack /Backup)	URL request	<a href="http://dvr-ip/cgi-bin/net_video.cgi?hq=0&amp;iframe=65535&amp;pframe=65535&amp;audio=65535">Live: http://dvr-ip/cgi-bin/net_video.cgi?hq=0&amp;iframe=65535&amp;pframe=65535&amp;audio=65535</a> <a href="http://dvr-ip/cgi-bin/net_video.cgi?hq=0&amp;iframe=65535&amp;pframe=65535&amp;audio=65535&amp;begin=1402975695">Playback: http://dvr-ip/cgi-bin/net_video.cgi?hq=0&amp;iframe=65535&amp;pframe=65535&amp;audio=65535&amp;begin=1402975695</a> <a href="http://dvr-ip/cgi-bin/net_video.cgi?hq=0&amp;iframe=65535&amp;pframe=65535&amp;audio=65535&amp;begin=1402975695&amp;end=1402975623&amp;complete=1">Backup: http://dvr-ip/cgi-bin/net_video.cgi?hq=0&amp;iframe=65535&amp;pframe=65535&amp;audio=65535&amp;begin=1402975695&amp;end=1402975623&amp;complete=1</a> HTTP/1.1
	raw HTTP header GET request	GET /cgi-bin/net_video.cgi?hq=0&iframe=65535&pframe=65535&audio=65535&begin=1402975695&end=1402975623&complete=1 HTTP/1.1 Host: <b>dvr-ip:port</b> Authorization: Basic <b>base64-encoded-auth-string</b>
	Parameter Description	hq: 0(low quality), 1(high quality) iframe, pframe, audio: chbits ex: chbits=1 -> ch1, chbits=3 -> ch1 and ch2, chbits=15 -> ch1, ch2, ch3, ch4 begin: unix time end: unix time
	Response Data Type	head_t struct frame_head_t struct h.264 raw data ( Video / Audio ) (Please Refer header_def.h)
Send Command CGI (Ack, Login ....)	Raw HTTP header POST request	DVRPOST /dvr/cmd HTTP/1.1 Host: <b>dvr-ip:port</b> Authorization: Basic <b>base64-encoded-auth-string</b> Content-Length: <b>Buffer Length</b> Content-Type: multipart/form-data; boundary=----DVRBoundary  -----DVRBoundary Content-Disposition: form-data; name="datafile"; filename="command.xml" Content-Type: text/xml  <?xml version="1.0" encoding="UTF-8" standalone="yes" ?><DVR Platform="Hi3520"><Command /></DVR>
	Parameter Description	Request Command and Response Context would refer the dvr_serv.xml
JPEG html page	URL request	<a href="http://dvr-ip:port/m.html">http://dvr-ip:port/m.html</a>
JPEG single channel cgi	URL request	<a href="http://dvr-ip:port/cgi-bin/net_jpeg.cgi?ch=0">http://dvr-ip:port/cgi-bin/net_jpeg.cgi?ch=0</a>
	Parameter Description	ch: ch = 0~31
MJPEG cgi	URL request	<a href="http://dvr-ip:port/cgi-bin/net_jpeg.cgi?push=1&amp;ch=16">http://dvr-ip:port/cgi-bin/net_jpeg.cgi?push=1&amp;ch=16</a>
	Parameter Description	ex: Single channel: ch=1->1, ch=2->2, ch=3->8, ch4=16, ch5=32, ch6=64, ..... Multiple channel: ch=3 -> ch1 and ch2, ch=15 -> ch1, ch2, ch3, ch4.