**Camera Settings page**

**Check value (fwcamctlget.asp)**

http://(IP ADDRESS)/asp-get/fwcamctlget.asp?FwModid=0

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| **Example**http://192.168.216.11/asp-get/fwcamctlget.asp?FwModid=0 |

**Set value (fwcamctlset.cgi)**

http://(IP ADDRESS)/cgi-bin/admin/fwcamctlset.cgi?**[CGI(Set value)]**=[**IndexValue]**&**FwCgiVer=0x0001**

 **↳What you want to set** **↳Essential**

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| **Example**http://192.168.216.11/cgi-bin/admin/fwcamctlset.cgi? **Brightness**=**128**&**FwCgiVer=0x0001**http://192.168.216.11/cgi-bin/admin/fwcamctlset.cgi? **Tdn**=**2**&**Brightness**=**255**&**FwCgiVer=0x0001** |

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|  | ASP(Get value) | CGI(Set value) | Index Value |
| Lens Type | LENS | Lens | value=0>ELCvalue=1>ALC |
| Brightness | BRIGHTNESS | Brightness | Default : 128, Range : [0, 255] |
| Shutter | SHUTTER | Shutter | value=0> Auto value=1> Manual value=2> Flicker |
| Lens ELC Mode | SHTMODE | ShtMode | value=0> Normalvalue=1> Deblur |
| Lens ALC Mode | DCMODE | DcMode | value=0> Indoorvalue=1> Outdoorvalue=2> Deblur |
| Manual Shutter Speed | SHUTTERSPEED | ShtterSpeed | value=0>1/30 value=1> 1/60 value=2> 1/120 value=3> 1/250 value=4> 1/500 value=5> 1/1000 value=6> 1/2000 value=7> 1/4000 value=8> 1/8000 value=9> 1/15000 value=10> 1/30000 |
| Sens Up | DSS | Dss | value=0>Off value=1> x2value=2> x4value=3> x8value=4> x16 value=5> x32 |
| Agc | AGC | Agc | Default : 91, Range : [0, 255] |
| BackLight Mode | BACKLIGHT | BackLight | value=0>Off value=1> Hlcvalue=2> Blcvalue=3> Wdr |
| Hlc Level | HLMASKTHRS | HlMaskThrs | Default : 18, Range : [0, 20] |
| Hlc Mask Color | HLMASKCOLOR | HlMaskColor | value=0> White value=1> Yellowvalue=2> Cyanvalue=3> Green value=4> Magnet value=5> Red value=6> Blue value=7> Black |
| Blc H-Pos | BLCPOSX | BlcPosX | Default : 8, Range : [0, 20] |
| Blc V-Pos | BLCPOSY | BlcPosY | Default : 7, Range : [0, 20] |
| Blc H-Size | BLCSIZX | BlcSizX | Default : 3, Range : [0, 20] |
| Blc V-Size | BLCSIZY | BlcSizY | Default : 3, Range : [0, 20] |
| WDR Weight | WDRWEIGHT | WdrWeight | value=0> Low value=1> Middle value=2> High |
| Day & Night Mode | TDN | Tdn | value=0> Autovalue=1> Colorvalue=2> B&W value=3> Extern |
| Led On | LEDON | LedOn | value=0> offvalue=1> on |
| Anti Saturation | LEDSATCTRL | LedSatCtrl | Default : 0, Range : [0, 20] |
| AGC Threshold | TDNTHRS | TdnThrs | Default : 10, Range : [0, 20] |
| AGC Margin | TDNMARG | TdnMarg | Default : 10, Range : [0, 20] |
| Delay | TDNDLY | TdnDly | value=0> 1secvalue=1> 3secvalue=2> 5sec value=3> 10sec value=4> 15sec |
| IR Signal(Night) | TDNSW | TdnSw | value=0> Highvalue=1> Low |
| Day to Night Threshold | TDNDNTHRES | TdnDnThres | Default : 9, Range : [0, 20] |
| Night to Day Threshold | TDNNDTHRES | TdnNdThres | Default : 7, Range : [0, 20] |
| White Balance Mode | AWB | Awb | value=0> Autovalue=2> Presetvalue=3> Manual  |
| Kelvin | AWBMNL | AwbMnl | value=0> 3000Kvalue=1> 5000Kvalue=2> 8000K  |
| Manual RGain | RGAIN | Rgain | Default : 10, Range : [0, 20] |
| Manual BGain | BGAIN | Bgain | Default : 10, Range : [0, 20] |
| Color Gain | SATURATION | Saturation | Default :128, Range : [0, 255] |
| 2DNR Level | ADNR | Adnr | Default :8, Range : [0, 255] |
| 3DNR Level | ADNR3D | Adnr3D | Default :51, Range : [0, 255] |
| Sharpness | SHARPNESS | Sharpness | Default :128, Range : [0, 255] |
| Gamma | GAMMA | Gamma | value=0> 0.45value=1> 0.55value=2> 0.65value=3> 0.75 |
| Mirror | MIRROR | Mirror | value=0> Offvalue=1> On |
| Flip | FLIP | Flip | value=0> Offvalue=1> On |
| D-Zoom | DZOOM | Dzoom | Default :10, Range : [1,64] |
| D-WDR | ACE | Ace | value=0> Offvalue=1> Low value=2> Middlevalue=3> High |
| Defog | DEFOG | Defog | value=0> Offvalue=1> On |
| Defog Mode | DEFOGMODE | DefogMode | value=0> Manualvalue=1> Auto |
| Defog Level | DEFOGLEVEL | DefogLevel | value=0> Low value=1> Middlevalue=2> High |

**Web Admin – System – Date & Time – Time Zone List**



Cf 1: TimeZone - Australia/Sydney **(All contents below should be entered.)**

http://192.168.0.104/cgi-bin/admin/nsssetntpconf.cgi?

NssTimeZoneChange=1&

NssTimeZone=Australia/Sydney&

NssYear=2021&

NssMonth=12&

NssDay=14&

NssHour=8&

NssMinute=59&

NssSecond=10&

FwCgiVer=0x0001

http://192.168.0.48/cgi-bin/admin/nsssetntpconf.cgi?NssTimeZoneChange=1&NssTimeZone=Australia/Sydney&NssYear=2021&NssMonth=12&NssDay=14&NssHour=8&NssMinute=59&NssSecond=10&FwCgiVer=0x0001

CGI COMMAND WEB INPUT IMAGE



**Cf 2: TimeZone -** Australia/Melbourne **(All contents below should be entered.)**

http://192.168.0.104/cgi-bin/admin/nsssetntpconf.cgi?

NssTimeZoneChange=1&

NssTimeZone=Australia/Melbourne&

NssYear=2021&

NssMonth=12&

NssDay=14&

NssHour=8&

NssMinute=59&

NssSecond=10&

FwCgiVer=0x0001

http://192.168.0.48/cgi-bin/admin/nsssetntpconf.cgi?NssTimeZoneChange=1&NssTimeZone=Australia/Melbourne&NssYear=2021&NssMonth=12&NssDay=14&NssHour=8&NssMinute=59&NssSecond=10&FwCgiVer=0x0001

**CGI COMMAND WEB INPUT IMAGE**



**NTP time sync command**

[IP address]/cgi-bin/admin/nsssyncntpserver.cgi?SvrAddr=’pool.ntp.org’&FwMkChg=YES&CgiVer=0x0001

<http://192.168.0.53/cgi-bin/admin/nsssyncntpserver.cgi?SvrAddr='pool.ntp.org'&FwMkChg=YES&CgiVer=0x0001>



**Network Setting for Static or DHCP**

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| STATIC :[IP Address]/cgi-bin/admin/net\_setnetworkv2.cgi?Eth0Ip=192.168.216.251&Eth0NetMask=255.255.0.0&Gateway=192.168.0.1&Dns1=203.248.252.2&Dns2=164.124.101.2&Ipv6Enable=no&Eth0LinkLocal=fe80%3A%3A230%3A6fff%3Afe10%3A2b23%2F64&LanEthMode=static&SaveCfg=YES&FwRmChg=YES&CgiVer=0x0001&ChkNetChg=YESDHCP :[IP Address]/cgi-bin/admin/net\_setnetworkv2.cgi?Dns1=203.248.252.2&Dns2=164.124.101.2&LanEthMode=dhcp&SaveCfg=YES&FwRmChg=YES&CgiVer=0x0001&ChkNetChg=YES |