

# How to Enable CGI/ONVIF via ISAPI

## Enable/Disable CGI/ONVIF

### 1.1 ISAPI/System/Network/Integrate

| /ISAPI/System/Network/Integrate |   | General Resource | v2.0 |
|---------------------------------|---|------------------|------|
| <b>GET</b>                      |   |                  |      |
| Description                     | Get status of ONVIF and CGI protocol                  |                  |      |
| Success Return                  | Integrate   |                  |      |
| <b>PUT</b>                      |   |                  |      |
| Description                     | Set ONVIF and CGI protocol status, Enable or Disable. |                  |      |
| Inbound Data                    | Integrate   |                  |      |

#### Integrate XML Block

```
<Integrate version="2.0" xmlns="http://www.isapi.org/ver20/XMLSchema">
  <CGI>
    <enable><!-- opt, xs:boolean,"true,false"--></enable>
    <certificateType><!--opt, xs:string, opt="digest,digest/baisc" def="digest" -
-></certificateType>
  </CGI>
  <ONVIF>
    <enable><!-- opt, xs:boolean,"true,false"--></enable>
    <certificateType><!--opt, xs:string, opt="digest,digest/WSSE,WSSE" def="digest/WSSE" -
-></certificateType>
  </ONVIF>
</Integrate>
```

### 1.2 /ISAPI/System/Network/Integrate/capabilities

| /ISAPI/System/Network/Integrate/capabilities |   | General Resource | v2.0 |
|--|---|------------------|------|
| <b>GET</b>                                   |   |                  |      |
| Description                                  | It is used to access Integrate capabilities |                  |      |
| Success Return                               | Integrate                                   |                  |      |

#### IntegrateCap XML Block

```
<Integrate version="2.0" xmlns="http://www.isapi.org/ver20/XMLSchema">
  <CGI>
```

```

        <enable><!-- opt, xs:boolean-->true</enable>
        <certificateType opt="digest,digest/baisc" def="digest"><!--req, xs:string -
-></certificateType>
    </CGI>
    <ONVIF>
        <enable><!-- opt, xs:boolean-->true</enable>
        <certificateType opt="digest,digest/WSSE,WSSE" def="digest/WSSE"><!--req, xs:string -
-></certificateType>
    </ONVIF>
</Integrate>

```

## Set ONVIF user name and password

The user name and password are just used for third party software access via ONVIF protocol, you can't use them to login the web page of device.

**Notes:** If you enable CGI, no need to set a new user name and password. It is same as the device login user name and password.

### 1.3 /ISAPI/Security/ONVIF/users/<ID>

| /ISAPI/Security/ONVIF/users/<ID>                            |  | General Resource v2.0 |
|---|--|-----------------------|
| <b>GET</b>  |  | <b>Viewer</b>         |
| Description   | It is used to get a particular user configuration for the device.    |                       |
| Query   | None   |                       |
| Inbound Data  | None   |                       |
| Success Return  | <b>User</b>  |                       |
| <b>PUT</b>  |  | <b>Administrator</b>  |
| Description   | It is used to update a particular user configuration for the device. |                       |
| Query   | None   |                       |
| Inbound Data  | <b>User</b>  |                       |
| Success Return  | <b>ResponseStatus</b>  |                       |
| <b>DELETE</b>   |  | <b>Administrator</b>  |
| Description   | It is used to delete a particular user for the device.               |                       |
| Query   | None   |                       |
| Inbound Data  | None   |                       |
| Success Return  | <b>ResponseStatus</b>  |                       |
| <b>Notes:</b>   |  |                       |
| <userType>: user level: administrator; operator; mediaUser; |  |                       |

User XML Block

```
<User version="2.0" xmlns="http://www.isapi.org/ver20/XMLSchema">  
  <id> <!--req, xs:integer, "1-32" --> </id>  
  <userName> <!--req, xs:string --> </userName>  
  <password> <!--wo, req, xs:string --> </password>  
  <userType> <!--req, xs:string, "administrator, operator, mediaUser" --> </userType>  
</User>
```