How to disable iris control on Axis cameras.

Last Modified on 05/23/2025 2:07 pm EDT

How to disable iris control on Axis cameras.

Procedure Steps

Many customers want to disable iris control on Axis cameras. Currently no additional option is implemented in System Administration to switch between auto/manual iris, so we have to do it manually by editing axis.xml file as described below.

1. Get axis.xml from customer
2. Edit it in some xml editor and remove all lines containing text below:

<CmdParam id="IrisClose" type="int" group="PTZ" setcmd="setIrisClose" default="-1" start="-1" end="-100"/>
<CmdParam id="IrisOpen" type="int" group="PTZ" setcmd="setIrisOpen" default="1" start="1" end="100"/>
...
<Command id="setIrisClose" protocol="HTTP/1.1" mode="GET" subprotocol="CGI" body="axis-cgi/com/ptz.cgi" prefix="camera=1">
*   <ParamGroup>*
*   <Param type="in" paramid="IrisClose" prefix="continuousirismove="/>*
*   </ParamGroup>*
</Command>
<Command id="setIrisOpen" protocol="HTTP/1.1" mode="GET" subprotocol="CGI" body="axis-cgi/com/ptz.cgi" prefix="camera=1">
*   <ParamGroup>*
*   <Param type="in" paramid="IrisOpen" prefix="continuousirismove="/>*
*   </ParamGroup>*
</Command>

3. Save the new axis.xml. Zip it and send to client with replacement instruction.

Note: Doing this you will remove iris control on all axis cameras, but normally this is not an issue as customer should be happy with that. If somehow there will be need to leave this control on selected axis cameras and remove only on specified one, plese create an engagement as this is more complicated and might be not so easy to do.

Replacement instruction:
1. Copy/backup the original axis.xml file.
2. Stop the LNVR services.
3. Copy the new XML file to the correct directory location (the file name should be "axis.xml").
4. Start the LNVR services.
5. Perform and download to the LNVR from System Administration.

Applies To

LNVR (All versions); OnGuard (All versions)

Additional Information