

# Tech Tip V1030

## How to Edit Object Identifiers Using IQmanager

### Source

Factory Certified Product (FCP) Interface Document

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**Name:** IQinVision Technical Support

**Model:** All IQinVision Cameras

**Version/Firmware:** Most recent firmware version as posted on [www.iqeye.com](http://www.iqeye.com).

**Required:**

IQmanager which can be downloaded from this link: <http://www.iqeye.com/support/technical-downloads/utility-programs>

Computer must be able to connect to the cameras web interface. If camera needs addressing, please see technical video on addressing camera, available here: <http://www.iqeye.com/support/technical-videos>

**Optional/Recommended Products** IQfinder – Windows utility used to discover cameras on a network

**Brief Description of Integration:** All configurable options on IQeye cameras can be controlled using Object Identifiers. (“OIDs”) OIDs can be used for advanced and/or customized configuration of IQinVision cameras.

**Business Description of Product:** OIDs are SNMP-like Object Identifiers that allow host based applications and on-camera web pages to get and set values on the camera. An object is a single piece of information that can be displayed and possibly changed, i.e. a flag setting, a string, a counter variable, etc.

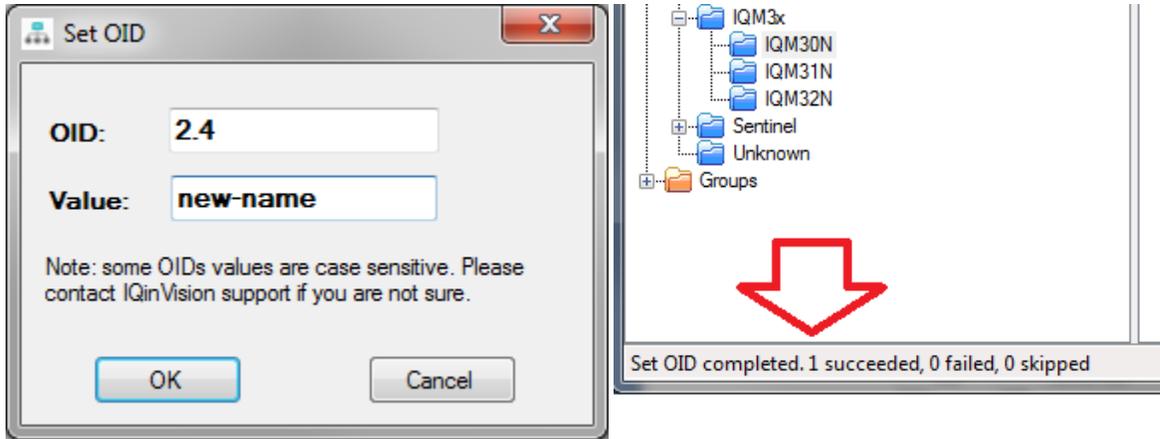
### Instructions:

- a. Different camera models have varying functionality. For a complete list of available OIDs, request the URL [http://<camera\\_ip>/oidtable.html](http://<camera_ip>/oidtable.html) from any IQinVision camera.

OID	current value	default value	range	description
1.2.1	0.45	0.45	0.00..1.00	gamma setting
1.2.2	1	1		downsample factor (hard coded)
1.2.3	HIGH	medium	xlow, low, medium, high,	sharpen value
1.2.4	none	none	none, 180, horizontal, vertical,	image flip setting
1.2.6.1	0	0		absolute top of crop window (read only)
1.2.6.2	352	1600		absolute width of crop window (read only)

- b. Locate the OID of interest in the table.
- c. Once the OID has been located, note the OID number and the supported values.

- d. Open IQmanager 1.0.2 or higher and located camera in list.
- e. If camera needs to be added into IQmanager, simply select Tools | Add Camera. Enter the IP address and password ('system' by default).
- f. Right click on the camera to display the shortcut menu. Select the 'set OID' option.
- g. The OID value shown in the leftmost column of the camera's OID table is the value entered into the "OID" field in the dialog box.
- h. The desired value is entered into the "value" field
- i. In this example, the OID value 2.4 which relates to the camera name is changed to "new-name":



- j. As soon as the "OK" button is pressed, the status of the command is displayed in the lower left hand corner of IQmanager.
- k. The new camera name is immediately reflected in the OID table (refresh browser window):

2.4	new-name			server name
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- l. The new camera name is also reflected in the camera web pages:



## End of Tech Tip V1030

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