

Applies To

- IQeye All

Summary

Using the cron scheduler in the IQeye camera to enable and disable the FTP storage of images between specified times of day.

A 'cron script' is written using a text editor and uploaded into the camera. At the specified times, the script will be run and the commands will be implemented.

Contents

- A basic cron script to enable and disable the FTP storage of images at specified times of day
- Confirming a successful upload of the script
- Important notes regarding creating cron scripts

Basic cron script

Using a text editor, create the crontab file. This example will enable FTP storage of an image every 5 minutes (300 seconds) starting at 8:00am until 5:00pm.

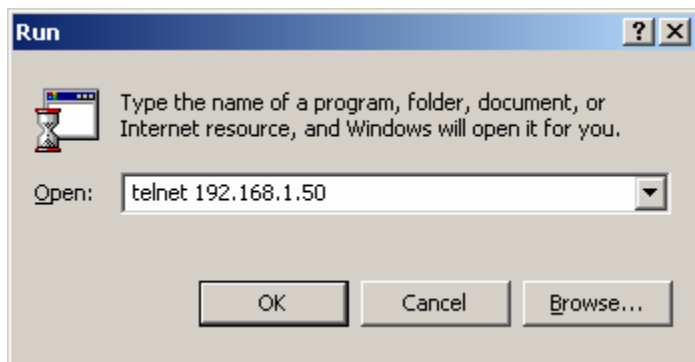
```
# cron script to turn FTP trigger
# on at 8am every day and take image every 5 minutes
0 8 * * * SET TRIGGER PERIODIC 300
# off at 5pm every day
0 17 * * * SET TRIGGER PERIODIC DISABLED
```

Upload the cron script into the /flash directory of the camera using FTP. See [TechTip - FTP code to IQeye camera](#) for instructions

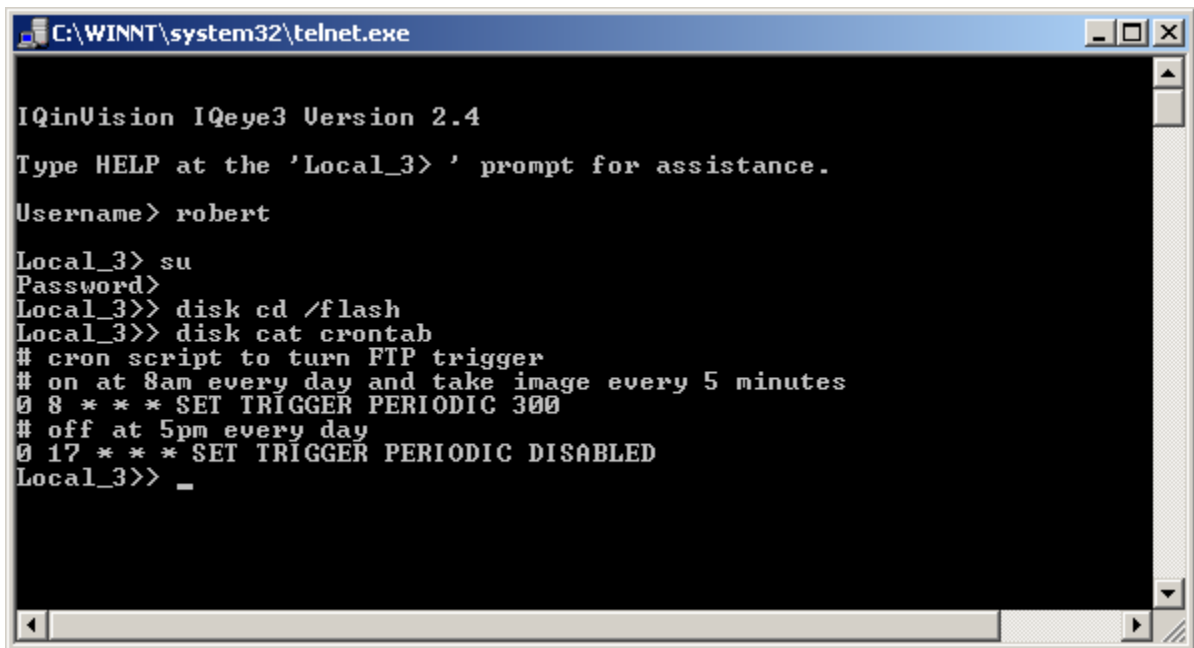
Confirm successful upload of the script

1. From your PC, telnet to the camera.

Run | command | telnet nnn.nnn.nnn.nnn (insert your camera's IP address here)



2. Login as privileged user (su), and list (cat) the crontab file



```
C:\WINNT\system32\telnet.exe

IQinVision IQeye3 Version 2.4
Type HELP at the 'Local_3>' prompt for assistance.
Username> robert
Local_3> su
Password>
Local_3>> disk cd /flash
Local_3>> disk cat crontab
# cron script to turn FTP trigger
# on at 8am every day and take image every 5 minutes
0 8 * * * SET TRIGGER PERIODIC 300
# off at 5pm every day
0 17 * * * SET TRIGGER PERIODIC DISABLED
Local_3>> _
```

3. Confirm the desired file was uploaded.

Important notes

- Make sure the **ftp** box is checked on the camera's "trigger" page.

e-mail <input type="checkbox"/>	FTP <input checked="" type="checkbox"/>	?
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- The *crontab* file must end with a carriage return.
- Save the *crontab* files as text only.
- Save the *crontab* file with no extension (i.e. 'crontab.txt' will not function).
- Upload the *crontab* file into the /flash directory on the camera
- In the *crontab* file, a '#' indicates a comment line.

More Information

- IQEYE Reference manual, *cron scripts* section. See <http://www.iqeye.com/spt/manuals.htm>
- TechTip - *FTP code to IQeye camera*
- TechTip - *FTP to a second server every 10 minutes*
- TechTip - *Diagnose / setup FTP*