

Note: in the standard motion installation, the motion.conf is in /etc/motion/, but in the special motion-mm1 build from dropbox- url (see above) it's in /etc/. If you follow this tutorial with all steps, this is no problem at all.

Be sure to have the file permissions correct: when you install motion via ssh while being logged in as user "pi", you need to make sure to give the user "motion" the permissions to run motion as service after reboot:

```
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```

OK

```
sudo chmod 664 /etc/motion.conf
sudo chmod 755 /usr/bin/motion
sudo touch /tmp/motion.log
sudo chmod 775 /tmp/motion.log
```

We've made some changes to the motion.conf file to fit our needs. Our current motion.conf file can be downloaded here: [raspberrypi_surveillance_cam_scavix.zip](#). Just download, unzip and save as /etc/motion.conf if you would like to use the exact config options we describe below.

Some of the main changes in our motion.conf are:

Make sure that motion is always running as a daemon in the background:

```
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```

OK

```
daemon on
```

We want to store the logfile in /tmp instead (otherwise autostart user won't be able to access it in /home/pi/ folder):

```
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```

```
logfile /tmp/motion.log
```

my m1h1k fr00n log file

As we want to use a high quality surveillance video, we've set the resolution to 1280x720:

```
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```

```
width 1280
height 720
```

code in trouvable

We don't need real-time video, 2 pictures per second are totally ok for our needs:

```
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```

```
framerate 2
```

code in trouvable

This is a very handy feature of the motion software: record some (2 in our configuration) frames before and after the motion in the image was detected:

```
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```

```
pre_capture 2
post_capture 2
```

code in trouvable

We don't want endless movies. Instead, we want to have max. 10