

PiBox - Feature #745

Add webcam recordings

01 Mar 2020 09:34 - Hammel

Status:	In Progress	Start date:	01 Mar 2020
Priority:	Immediate	Due date:	
Assignee:	Hammel	% Done:	10%
Category:	Systems	Estimated time:	0.00 hour
Target version:	2.0 - Harkonnen		
Severity:	03 - Medium		
Description			
This should be allowed both by manual request and via motion detection. There should be a playback option for all recordings as well.			

History

#1 - 22 Jul 2020 22:36 - Hammel

- Priority changed from High to Immediate

#2 - 30 Jul 2020 18:58 - Hammel

- Status changed from New to In Progress

- % Done changed from 0 to 10

Recordings from mjpeg-streamer can be done with this command:

```
ffmpeg -i //<IP-address>:8085 <file name>.avi
```

So I just need a keyboard command to run it from picam. Motion detection would do the same thing but that's in RM #744.

#3 - 30 Jul 2020 20:02 - Hammel

General Design

1. Config option: "-r <file>", recordfile; specifies file to save to; default = picam-<timestamp>.avi
2. Config option: "-R <dir>", recorddir; specifies directory to save to; default = /media/mmcblk0p3/home/recordings
3. Config option: "-m <max>", recordmax; specifies maximum number of recordings to save; default = 5
4. Keyboard control
 1. r = start recording
 2. s = stop recording
5. Recording setup
 1. Test if stream exists
 2. Make recording directory
 3. Check if recording file exists
 1. Yes: rotate recordings up to max recordings
6. Start recording
7. Stop recording