



Firmware Release Notes

E1xx

Version 1.8.307

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1.8.307

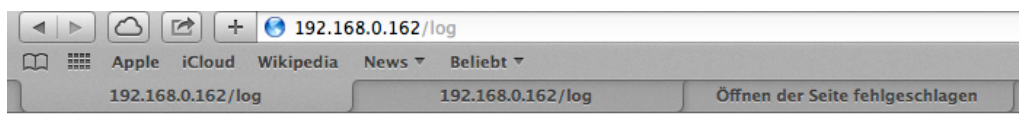
Summary

Add un-mount feature to safely un-mount the USB device, before unplugging it. Add /api/event to custom name the recording directory and to allow storage of multiple recording files in single directory. Add /api/rs232 for control of Panasonic block cameras.

Details

- create system.log - mapped to http://<ip>/log
- change to umount -l (to force umount after a recording was done)
- fix JPEG capture (capture to /tmp/capture.jpg then copy to USB images directory)
- fix VSIZE max of 720 (now: 1080)
- allow initial color setting (/api/input post: action=save&color=x)
- change START= to TSTART= in config file (it replaced HSTART and VSTART)
- add INTERLACED to config file
- add usb=umount to /api/storage (this un-mounts the USB device)
- add heartbeat to /api/system
- add fix for slow file transfer when 38116 is plugged
- add /api/rs232 (for control of Panasonic block camera, compute checksum and add 0xff)
- add hsize,vsize to /api/stream
- /api/event: capture images while streaming (not only while recording)
- /api/event: image sequence number across multiple recordings in event

Sample system log



```

#   uptime err description
1   10 200 # auvideoa encoder v1.8.302 of Sun Mar  8 15:09:50 2015
2   10 200 DATE="1970-01-01T00:06:41",
3   11 200 startup.log file to written to USB device: /media/E110
4   21 200 HDMI cable plugged in
5   23 200 AVI info frame received with color: 1, vic: 0x05 (loops: 1)
6   78 200 button stream pressed
7   84 200 start of RTSP live stream
8   107 200 HDMI cable plugged in
9   110 200 AVI info frame received with color: 1, vic: 0x05 (loops: 1)
10  110 200 encoder must be restarted, because video was lost (cable plugged event)
11  110 200 stop of RTSP live stream (stream duration: 26 seconds)
12  116 200 start of RTSP live stream
13  273 200 stop of RTSP live stream (stream duration: 157 seconds)

```

1.8.160

Summary

Add software and hardware watchdog feature. Plus various fixes.

Details

- add software watchdog (timeout) with /api/timeout
- add watchdogTest to force timeout of watchdog
- add watchdog settings (including permanent save in config)
- disable watchdog when upgrading firmware
- rename /api/addon and fix Ain bug
- fix field offset bug in 1080i30 (vic = 5)
- add watchdog refresh (20 seconds) so that the watchdog does not time out
- add setTime (POST request) to /api/addon
- add support for 38116-2 (control switches and LEDS via this module)
- video bandwidth default setting: allow up to 25000 kbit (before: 2500 kbit)
- fix 576p aspect ratio
- add control of aspect ratio - this need to be made programmable with /api/settings POST
- add field offset to /api/settings
- fix /api/www copy
- 576p50: hstart=132 and vstart=44
- change hstart of 576i to 269
- fix 720x576i25 mode (field_offset in lua is now set correctly)
- show aspect ratio and HDMI/HDCP status of video input
- add jpgQuality setting
- fix permanent save of audio settings
- fix initial setting of audio=analog (digital=0 in config file)