



# news

## E110 firmware update

- soon: UDP push streaming (multicast)
- HD OSD for flight controllers (MAVLink)
- downloadable from [auvidea.com](http://auvidea.com)



## B100 HDMI to CSI-2 bridge for Jetson TK1 eval board

- ideal platform for video encoding and video processing (CUDA)
- HDMI to CSI-2 bridge with 4 lanes
- 4k version planned (HDMI 1.4 with 30 fps)
- open source Video4Linux driver upcoming



## HDMI video encoder (iMX6)

- HDMI input and output
- Freescale iMX6 based
- with SolidRun MicroSOM CPU module
- same form factor as E112
- expansion connector for CAN, SATA, PCIe
- support will be included in Kernel 4.1
- first samples: now



## compact H.264 encoders

First samples of the new compact H.264 encoders have been shipped. These are based on the same encoding platform as the E110. But they are much smaller in size and offer some flexible add-on options. Three versions are available:

- E10: LVDS video input for block cameras
- E12: mini HDMI input
- E20: HD SDI input and loop through output (mini BNC)



E12 with a simple networking add-on module with RJ45 connector. For space saving applications the RJ45 connector is removed, so that the network cable with 4 wires may be directly soldered in.



E20 SDI encoder with Carambola 2 based add-on module. 2.4 GHz wifi, port forwarding, video transmuxing and openWRT. Internal Ethernet port to the E20. RJ45 Ethernet is connected via 4 wires for flexible mount.

## Brushless Gimbal Controller

We have licensed the brushless gimbal controller developed by Basecam Electronics (Alexmos SimpleBGC) for integration in 2 upcoming add-on modules for the compact encoders.

- 38144: Carambola 2 openWRT wifi module plus BGC
- 38145: 5 port Ethernet openWRT module plus BGC. One port internally connected to encoder. 4 port available. Standalone operation optional.
- Status: first samples in August 2015

