



COLLABORA

Update of Four Years of V4L2 Support

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Open First



➤ **What's new since last conference ?**

v4l2src crop control

Bayer Support fixed and extended

Stateful Decoders resolution changes

Initial HDR10 support

Encoder Keyframe Request



➤ **What's new since last conference ?**

**Stateless
HEVC decoder**

**Stateless AV1
decoder**

**Stateless
MPEG2
decoder**

**Stateless VP9
decoder**

**Multiplanar
API support**



➤ **What's new since last conference ?**

**uvcsink
element**

**A lot of bug
fixes**

**Fluster
Support**

**Better RPi
Support**



What's new in the Linux Kernel ?

- **MPEG2, VP9, AV1 and HEVC Decoding**
 - VP9, HEVC and AV1 on Mediatek CODEC
 - MPEG2, VP8, VP9, HEVC and AV1 for Hantro
 - VP9 on RKVDEC
 - Interlaced H.264 decoding for Hantro and RKVDEC
- **Amphion Driver (I.MX8Q)**
- **Older Tegra driver**
- **Improved UVC Gadget support**



➤ **Thanks to our contributors !**

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Thank you!

