

## Gstreamer

|                         |         |                        |                                                              |
|-------------------------|---------|------------------------|--------------------------------------------------------------|
| <b>Status:</b>          | New     | <b>Start date:</b>     | 08/15/2025                                                   |
| <b>Priority:</b>        | High    | <b>Due date:</b>       |                                                              |
| <b>Assignee:</b>        | Linx    | <b>% Done:</b>         | 0%                                                           |
| <b>Category:</b>        | S.W     | <b>Estimated time:</b> | 0.00 hour                                                    |
| <b>Target version:</b>  |         | <b>Spent time:</b>     | 0.00 hour                                                    |
| <b>IP :</b>             | LB220   | <b>IP address :</b>    | \\192.168.1.250\01-Public\wilson_test\rk3528\25_07_23_debian |
| <b>CPU:</b>             | RK3528A | <b>OS :</b>            | Debian                                                       |
| <b>RAM :</b>            |         | <b>RAM size :</b>      |                                                              |
| <b>RAM /available :</b> |         | <b>RAM use :</b>       |                                                              |
| <b>Storage :</b>        |         | <b>Storage use :</b>   |                                                              |
| <b>RAM /available :</b> | 01      | <b>EMMC use :</b>      | -                                                            |

```

root@linaro-alip:/home/linaro/Desktop# sudo -E DISPLAY=:0.0 gst-launch-1.0 filesrc location=/home/linaro/ND_Test/sony1.mp4 ! qtdemux ! h264parse !
mppvideodec ! kmssink sync=false async=false render-rectangle='<20,600,640,480>'

root@linaro-alip:/home/linaro/Desktop# sudo -E DISPLAY=:0.0 gst-launch-1.0 filesrc location=/home/linaro/ND_Test/sony1.mp4 !
qtdemux ! h264parse ! mppvideodec ! kmssink sync=false async=false render-rectangle='<20,600,640,480>'
...
/GstPipeline:pipeline0/GstKMSSink:kmssink0 Could not find a plane for crtc
../sys/kms/gstkmsc.c(1170): gst_kms_sink_start (): /GstPipeline:pipeline0/GstKMSSink:kmssink0
preroll.
/GstPipeline:pipeline0/GstKMSSink:kmssink0 Gstreamer
../libs/gst/base/gstbasesink.c(5869): gst_base_sink_change_state (): /GstPipeline:pipeline0/GstKMSSink:kmssink0:
Failed to start
preroll.
Failed to set pipeline to PAUSED.
NULL ...
root@linaro-alip:/home/linaro/Desktop#

```

```
#1 - 08/15/2025 04:41 PM - 
- File dmesg.log added

dmesg
```

|           |        |            |                                                                                       |
|-----------|--------|------------|---------------------------------------------------------------------------------------|
| dmesg.log | 261 KB | 08/15/2025 |  |
|-----------|--------|------------|---------------------------------------------------------------------------------------|