

```
media get entity by name: rkisp-isp-subdev is null
media get entity by name: rkisp-input-params is null
media get entity by name: rkisp-statistics is null
media get entity by name: rkisp_mainpath is null
Cound not find rkisp dev names, skipped /dev/media0
ERR: Bad media topology for: /dev/media0
DBG: get rkisp-isp-subdev devname: /dev/v4l-subdev3
DBG: get rkisp-input-params devname: /dev/video20
DBG: get rkisp-statistics devname: /dev/video19
DBG: get rkisp_mainpath devname: /dev/video11
rkaiq log level ff1
XCORE:K:rk_aiq_init_lib, ISP HW ver: 32
XCORE:K:
***** VERSION INFOS *****
version release date: 2024-2-18
        AIQ:          AIQ v5.0x5.0
```

git logs:

```
25bd14e RV1106: smart_door: release rga/isp/mpp for V1.3.0
99d080a RV1106/RV1103: Battery/Doorbell: release kmpp/rockit-ko for V1.3.2
6458e2a RV1106/RV1103: Battery/Doorbell: release kmpp/rockit-ko for V1.3.1
e8dab39 RV1106: CVR: release rga/isp/mpp for V1.1.0
a021b32 RV1106/RV1103: Battery/Doorbell: release kmpp/rockit-ko for V1.3.0
```

```
***** VERSION INFOS END *****
```

```
ERR: Bad media topology for: /dev/media2
ERR: Bad media topology for: /dev/media3
ERR: Bad media topology for: /dev/media4
ERR: Bad media topology for: /dev/media5
ERR: Bad media topology for: /dev/media6
ERR: Bad media topology for: /dev/media7
ERR: Bad media topology for: /dev/media8
ERR: Bad media topology for: /dev/media9
ERR: Bad media topology for: /dev/media10
ERR: Bad media topology for: /dev/media11
ERR: Bad media topology for: /dev/media12
ERR: Bad media topology for: /dev/media13
ERR: Bad media topology for: /dev/media14
ERR: Bad media topology for: /dev/media15
XCORE:E:invalid main scene len!
```

```
#CodecName:JPEG
#Resolution: 2592x1944
#CameraIdx: 0
```

```
[[32m[[1mrockit log path (null), log_size = 0, can use export rt_log_path=, export
rt_log_size= changed[[0m
log_file = (nil)
[[32m[[1mrockit default level 4, can use export rt_log_level=x, x=0,1,2,3,4,5,6
```



```

cmpi          14:22:39-186 {createRuntime      :646} [][32m][1m sensor raw width
: 2592[][0m
cmpi          14:22:39-187 {createRuntime      :647} [][32m][1m sensor raw height
: 1944[][0m
cmpi          14:22:39-187 {createRuntime      :648} []
[32m][1m-----[][0m
cmpi          14:22:39-187 {createRuntime      :654} [][32m][1m isp media name
: /dev/media1[][0m
cmpi          14:22:39-188 {createRuntime      :655} [][32m][1m isp model name
: rkisp0[][0m
cmpi          14:22:39-188 {createRuntime      :656} [][32m][1m isp driver name
: rkisp-vir0[][0m
cmpi          14:22:39-188 {createRuntime      :657} [][32m][1m isp dev name
: /dev/v4l-subdev3[][0m
cmpi          14:22:39-188 {createRuntime      :659} [][32m][1m isp rawrd0_m_path
: /dev/video17[][0m
cmpi          14:22:39-188 {createRuntime      :660} [][32m][1m isp rawrd1_l_path
: [][0m
cmpi          14:22:39-188 {createRuntime      :661} [][32m][1m isp rawrd2_s_path
: /dev/video18[][0m
cmpi          14:22:39-188 {createRuntime      :664} [][32m][1m mainpath video name
: /dev/video11[][0m
cmpi          14:22:39-188 {createRuntime      :665} [][32m][1m selfpath video name
: /dev/video12[][0m
cmpi          14:22:39-188 {createRuntime      :666} [][32m][1m bypasspath video
name : /dev/video13[][0m
cmpi          14:22:39-188 {createRuntime      :667} [][32m][1m sensor link type
: 2[][0m
cmpi          14:22:39-188 {createRuntime      :668} [][32m][1m sensor is united
: 0[][0m
cmpi          14:22:39-188 {createRuntime      :672} []
[32m][1m-----[][0m
cmpi          14:22:39-188 {createRuntime      :711} [][32m][1m[non-WRAP MODE]:
buff size = 7589376[][0m
RTIsp3x      14:22:39-199 {ispInitDevice      :591} [][32m][1msensor name =
m00_b_mis5001 4-0031[][0m
RTDeviceV4L2 14:22:39-201 {open              :137} [][32m][1mcameraIndex:0,
entityName:rkisp_mainpath[][0m
RTDeviceV4L2 14:22:39-201 {open              :143} [][32m][1mopen video
name(/dev/video11)[][0m
RKViChn      14:22:39-201 {setFrameRate    :1469} [][33m][1m[vi] dev(0) ch(0)
illegal param s32SrcFrameRate(0) s32DstFrameRate(0)[][0m
RTDeviceV4L2 14:22:39-201 {ispCameraInfo     :567} [][33m][1mcurrent
device:/dev/video11 isn't compatible(cap:0x84201000) device,memoryType:4,
retry:0[][0m
RTDeviceV4L2 14:22:39-201 {ispInitFormat     :767} [][32m][1mioctl VIDIOC_S_FMT
OK[][0m
cmpi          14:22:39-203 {start              :1093} [][32m][1m===== vi
Start startRuntime =====[][0m
RTDeviceV4L2 14:22:39-203 {ispStreamOn       :458} [][32m][1mdo ispStreamOn

```

```
start[][0m
DBG: /dev/media1: wait stream start event success ...
DBG: device manager start
CAMHW:K:cid[0] start success. isGroup:0, isOnline:1, isMultiIsp:0,
init_ens:0x1bfccffe473b
XCORE:K:cid[0] rk_aiq_uapi_sysctl_start success.
DBG: rkisp_init engine succeed
DBG: /dev/media1: wait stream stop event...
RTDeviceV4L2      14:22:39-276 {ispStreamOn      :511} [][32m[][1mdo ispStreamOn
done[][0m
=====test_vpss_init: Initializing VPSS group 0=====
rga_api version 1.10.1_[0]
VPSS group 0 initialized successfully
  - Channel 0: 2592x1944 (main image)
  - Channel 1: 320x240 (thumbnail)
=====test_venc_init=====
MpiAdapterEncode 14:22:39-291 {ma_encode_create  :1743} [][32m[][1mringbuf buf_size
7561216[][0m
MpiAdapterEncode 14:22:39-298 {ma_encode_create  :1782} [][32m[][1mmem_fd = 25[][0m
=====test_venc_thumb_init for thumbnail=====
MpiAdapterEncode 14:22:39-399 {ma_encode_create  :1743} [][32m[][1mringbuf buf_size
118784[][0m
MpiAdapterEncode 14:22:39-400 {ma_encode_create  :1782} [][32m[][1mmem_fd = 27[][0m
Initializing timestamp overlay for resolution: 2592x1944
cmpi      14:22:39-402 {mb_create_pool    :231} [][32m[][1mallocated
buffer(this=0xa5f28, data=0xa5c9b000, size=353280, id=201)[][0m
cmpi      14:22:39-402 {mb_create_pool    :231} [][32m[][1mallocated
buffer(this=0xa67a0, data=0xa5c44000, size=353280, id=202)[][0m
RGN created successfully - Size: 1050x80
cmpi      14:22:39-403 {attachToChn      :594} [][31m[][1mThe channel attr
attach mapid: 0x0.[][0m
RGN attached to VENC channel successfully at (746, 1844)
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:39 lat:N/A lon:N/A
Canvas Size: 1104x80
====RK_MPI_SYS_Bind vi0 to vpss0====
====RK_MPI_SYS_Bind vpss0 to venc0====
====RK_MPI_SYS_Bind vpss1 to venc1====
=====GetMediaBuffer0=====
[Folder Created] /mnt/sdcard/2025
[Folder Created] /mnt/sdcard/2025/12
[Folder Created] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:39 lat:N/A lon:N/A
Canvas Size: 1104x80
MpiAdapterEncode 14:22:39-497 {ma_encode_get_pack:2079} [][32m[][1mmap ptr:
0xa4bd8000, fd 31[][0m
 Main Image 0 stored: /mnt/sdcard/2025/12/04/IMG_20251204_142239.jpeg (2510306
bytes)
```

⊙ GPS Location (from initialization): Lat=N/A, Lon=N/A
MpiAdapterEncode 14:22:39-519 {ma_encode_get_pack:2079} [32m][1mmap ptr:
0xa4b9e000, fd 33][0m
 Thumbnail 0 stored: /mnt/sdcard/2025/12/04/THUMB_20251204_142239.jpeg (5458
bytes)
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:39 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:22:40-703 {GetMediaBuffer0 :735} [0m
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:22:41-705 {GetMediaBuffer0 :759} [0m
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:41 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:22:42-888 {GetMediaBuffer0 :735} [0m
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:22:43-890 {GetMediaBuffer0 :759} [0m
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:43 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:22:45-073 {GetMediaBuffer0 :735} [0m
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:22:46-074 {GetMediaBuffer0 :759} [0m
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:46 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:22:47-258 {GetMediaBuffer0 :735} [0m
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:22:48-259 {GetMediaBuffer0 :759} [0m
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025

[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:48 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:22:49-442 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:22:50-444 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:50 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:22:51-627 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:22:52-628 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:52 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:22:53-813 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:22:54-814 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:54 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:22:55-997 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:22:56-998 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:57 lat:N/A lon:N/A
Canvas Size: 1104x80

cmpi 14:22:58-182 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:22:59-183 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:22:59 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:23:00-366 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:23:01-368 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:01 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:23:02-551 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:23:03-552 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:03 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:23:04-735 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:23:05-737 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:05 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:23:06-920 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:23:07-921 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12

[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:08 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:23:09-105 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:23:10-106 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:10 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:23:11-289 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:23:12-291 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:12 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:23:13-474 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:23:14-475 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:14 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:23:15-660 {GetMediaBuffer0 :735} []
[31m][1mRK_MPI_VENC_GetStream for main failed: 0xa004800e][0m
cmpi 14:23:16-661 {GetMediaBuffer0 :759} []
[31m][1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e][0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:16 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi 14:23:17-845 {GetMediaBuffer0 :735} []

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[31m[1mRK_MPI_VENC_GetStream for main failed: 0xa004800e[0m
cmpi      14:23:18-846 {GetMediaBuffer0 :759} []
[31m[1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e[0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:18 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi      14:23:20-030 {GetMediaBuffer0 :735} []
[31m[1mRK_MPI_VENC_GetStream for main failed: 0xa004800e[0m
cmpi      14:23:21-031 {GetMediaBuffer0 :759} []
[31m[1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e[0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:21 lat:N/A lon:N/A
Canvas Size: 1104x80
cmpi      14:23:22-214 {GetMediaBuffer0 :735} []
[31m[1mRK_MPI_VENC_GetStream for main failed: 0xa004800e[0m
cmpi      14:23:23-216 {GetMediaBuffer0 :759} []
[31m[1mRK_MPI_VENC_GetStream for thumb failed: 0xa004800e[0m
[Exists] /mnt/sdcard/2025
[Exists] /mnt/sdcard/2025/12
[Exists] /mnt/sdcard/2025/12/04
[Active Save Path] /mnt/sdcard/2025/12/04
LDR: DAY mode - Using BLACK text
Display Text: 2025-12-04 14:23:23 lat:N/A lon:N/A
Canvas Size: 1104x80
WAKEUP interrupt (PIR)
LDR: DAY mode - Using BLACK text
LDR says: DAY - Using BLACK text
```