dlinano@jetson-nano:~$ nvgstcapture-1.0

Encoder null, cannot set bitrate!

Encoder Profile = High

Supported resolutions in case of ARGUS Camera

 (2) : 640x480

 (3) : 1280x720

 (4) : 1920x1080

 (5) : 2104x1560

 (6) : 2592x1944

 (7) : 2616x1472

 (8) : 3840x2160

 (9) : 3896x2192

 (10): 4208x3120

 (11): 5632x3168

 (12): 5632x4224

Runtime ARGUS Camera Commands:

 Help : 'h'

 Quit : 'q'

 Set Capture Mode:

 mo:<val>

 (1): image

 (2): video

 Get Capture Mode:

 gmo

 Set sensor orientation:

 so:<val>

 (0): none

 (1): Rotate counter-clockwise 90 degrees

 (2): Rotate 180 degrees

 (3): Rotate clockwise 90 degrees

 Get sensor orientation:

 gso

 Set sensor mode:

 smo:<val> e.g., smo:1

 Get sensor mode:

 gsmo

 Set Whitebalance Mode:

 wb:<val>

 (0): off

 (1): auto

 (2): incandescent

 (3): fluorescent

 (4): warm-fluorescent

 (5): daylight

 (6): cloudy-daylight

 (7): twilight

 (8): shade

 (9): manual

 Get Whitebalance Mode:

 gwb

 Set Saturation (0 to 2):

 st:<val> e.g., st:1.25

 Get Saturation:

 gst

 Set Exposure Compensation (-2 to 2):

 ec:<val> e.g., ec:-2

 Get Exposure Compensation:

 gec

 Set Auto Whitebalance Lock:

 awbl:<val> e.g., awbl:0

 Get Auto Whitebalance Lock:

 awbl

 Set Auto Exposure Lock:

 ael:<val> e.g., ael:0

 Get Auto Exposure Lock:

 gael

 Set TNR Mode:

 tnrm:<val> e.g., tnrm:1

 (0): OFF

 (1): FAST

 (2): HIGH QUALITY

 Get TNR Mode:

 gtnrm

 Set TNR Strength (-1 to 1):

 tnrs:<val> e.g., tnrs:0.5

 Get TNR Strength:

 gtnrs

 Set EE Mode:

 eem:<val> e.g., eem:1

 (0): OFF

 (1): FAST

 (2): HIGH QUALITY

 Get EE Mode:

 geem

 Set EE Strength (-1 to 1):

 ees:<val> e.g., ees:0.5

 Get EE Strength:

 gees

 Set Auto Exposure Anti-Banding (0 to 3):

 aeab:<val> e.g., aeab:2

 (0): OFF

 (1): MODE AUTO

 (2): MODE 50HZ

 (3): MODE 60HZ

 Get Auto Exposure Anti-Banding:

 gaeab

 Set Gain Range:

 gr:<val><space><val> e.g., gr:1 16

 Get Gain Range:

 ggr

 Set Exposure Time Range:

 etr:<val><space><val> e.g., etr:34000 35000

 Get Exposure Time Range:

 getr

 Set ISP Digital Gain Range:

 dgr:<val><space><val> e.g., dgr:2 152

 Get ISP Digital Gain Range:

 gdgr

 Capture: enter 'j' OR

 followed by a timer (e.g., jx5000, capture after 5 seconds) OR

 followed by multishot count (e.g., j:6, capture 6 images)

 timer/multihot values are optional, capture defaults to single shot with timer=0s

 Start Recording : enter '1'

 Stop Recording : enter '0'

 Video snapshot : enter '2' (While recording video)

 Get Preview Resolution:

 gpcr

 Get Image Capture Resolution:

 gicr

 Get Video Capture Resolution:

 gvcr

Runtime encoder configuration options:

 Set Encoding Bit-rate(in bytes):

 br:<val> e.g., br:4000000

 Get Encoding Bit-rate(in bytes):

 gbr

 Set Encoding Profile(only for H.264):

 ep:<val> e.g., ep:1

 (0): Baseline

 (1): Main

 (2): High

 Get Encoding Profile(only for H.264):

 gep

 Force IDR Frame on video Encoder(only for H.264):

 Enter 'f'

bitrate = 4000000

Encoder Profile = High

Encoder control-rate = 1

Encoder EnableTwopassCBR = 0

Opening in BLOCKING MODE

\*\* Message: 10:00:25.331: <main:4670> iterating capture loop ....

NvMMLiteOpen : Block : BlockType = 4

===== NVMEDIA: NVENC =====

NvMMLiteBlockCreate : Block : BlockType = 4

GST\_ARGUS: Creating output stream

CONSUMER: Waiting until producer is connected...

GST\_ARGUS: Available Sensor modes :

GST\_ARGUS: 3264 x 2464 FR = 21.000000 fps Duration = 47619048 ; Analog Gain range min 1.000000, max 10.625000; Exposure Range min 13000, max 683709000;

GST\_ARGUS: 3264 x 1848 FR = 28.000001 fps Duration = 35714284 ; Analog Gain range min 1.000000, max 10.625000; Exposure Range min 13000, max 683709000;

GST\_ARGUS: 1920 x 1080 FR = 29.999999 fps Duration = 33333334 ; Analog Gain range min 1.000000, max 10.625000; Exposure Range min 13000, max 683709000;

GST\_ARGUS: 1280 x 720 FR = 59.999999 fps Duration = 16666667 ; Analog Gain range min 1.000000, max 10.625000; Exposure Range min 13000, max 683709000;

GST\_ARGUS: 1280 x 720 FR = 120.000005 fps Duration = 8333333 ; Analog Gain range min 1.000000, max 10.625000; Exposure Range min 13000, max 683709000;

GST\_ARGUS: Running with following settings:

 Camera index = 0

 Camera mode = 4

 Output Stream W = 1280 H = 720

 seconds to Run = 0

 Frame Rate = 120.000005

GST\_ARGUS: PowerService: requested\_clock\_Hz=2016000

GST\_ARGUS: Setup Complete, Starting captures for 0 seconds

GST\_ARGUS: Starting repeat capture requests.

CONSUMER: Producer has connected; continuing.

dlinano@jetson-nano:~$ argus\_camera

bash: argus\_camera: command not found

dlinano@jetson-nano:~$ argus\_camera

bash: argus\_camera: command not found

dlinano@jetson-nano:~$