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:~$