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Version 1.0.0: Support Support to send command by FT4222, change input of gain from iso to total gain

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1. **Send command by FT4222:**

python light_cli_lcc.py -ft <*FT4222 PATH*> <*Comamnd*>

Eg:

$ python light_cli_lcc.py -ft ./FT4222 -c a1 -o hw

2. **Open/close camera:**

Support 3 arguments: open hardware standby (hw), open software standby (sw), close camera (cl).

Eg:

Open hardware standby camera a1:

$ python light_cli_lcc.py -c a1 -o hw

Open software standby global bitmask:

$ python light_cli_lcc.py -c g -o sw

Open software standby a1, hardware standby a3, close camera c3:

$ python light_cli_lcc.py -c a1 a3 c3 -o sw hw cl

3. **Set UCID**

Support ucid: preview, hires, focal, video, hdr

Eg:

Set ucid preview:

$ python light_cli_lcc.py -u preview

4. **Streaming**

If streaming is on or off without tx, vc, dt, default is tx 0, vc 0, dt 0

$ python light_cli_lcc.py -c a1 -s on

Stream on camera a2 with tx1, vc2:

$ python light_cli_lcc.py -c a2 -s on -tx 1 -vc 2

Stream off camera c4 at tx 0, vc1:

$ python light_cli_lcc.py -c c4 -s off -tx 0 -vc 1

Stream on a3 at tx:0 vc:0 dt:RAW_10, b2 at tx:1 vc:1 dt:LIGHT_RAW , stream off c1 at tx1 vc2 dt:RAW_10:

$ python light_cli_lcc.py -c a3 b2 c1 -s on on off -tx 0 1 1 -vc 0 1 2 -dt RAW_10 LIGHT_RAW RAW_10

5. **Sensitivity**

Support setting total gain

Eg:

Set total gain 1.25 for camera a1 at ucid preview

$ python light_cli_lcc.py -c a1 -u preview -g 1.25

Set ISO 3.5 for camera a1 and 2.5 for camera a3 at ucid preview

$ python light_cli_lcc.py -c a1 a3 -u preview -g 3.5 2.5

6. **Exposure**

Support setting exposure time when input is ns

Eg:
Set exposure time 5000000 ns for camera a1 at ucid preview
$ python light_cli_lcc.py -c a1 -u preview -e 5000000
Set exposure time 5000000 ns for camera a1 b1 at ucid preview
$ python light_cli_lcc.py -c a1 b1 -u preview -e 5000000

- This command have just supported 1 argument of exposure time

7. FPS

Eg:
Set fps 30 for camera a1 at ucid preview
$ python light_cli_lcc.py -c a1 -u preview -fps 30
Set exposure time 24 ns for camera a1 b1 at ucid preview
$ python light_cli_lcc.py -c a1 b1 -u preview -e 24

- This command have just supported 1 argument of fps

8. Resolution

Support 6 resolution: 3M,13M,720P,1080P,4K_UHD,4K_CINEMA
Eg:
Set resolution 1080P for camera a1 at ucid preview
$ python light_cli_lcc.py -c a1 -u preview -r 1080P
Set resolution 4K_UHD for camera a1 b1 at ucid preview
$ python light_cli_lcc.py -c a1 b1 -u preview -r resolution 1080P

- This command have just supported 1 argument of resolution

9. Focus distance

Support setting focus distance when input is mm
Eg:
Set focus distance 150 mm for camera a1
$ python light_cli_lcc.py -c a1 -f 150
Set exposure time 300 mm for camera a1 b1
$ python light_cli_lcc.py -c a1 b1 -u preview -f 300

- This command have just supported 1 argument of focus distance

10. Len position

Support setting hall value for len position
Eg:
Set Len position 0x200 for camera a1
$ python light_cli_lcc.py -c a1 -ghsv 200 -l
Set Len position 0x200 for camera a1, 0x500 for camera b2
$ python light_cli_lcc.py -c a1 b2 -ghsv 200 500 -l

11. Mirror position

Support setting hall value for mirror position
Eg:
Set mirror position 0x200 for camera b1
$ python light_cli_lcc.py -c b1 -ghsv 200 -m
Set mirror position 0x200 for camera b1, 0x500 for camera b2
$ python light_cli_lcc.py -c b1 b2 -ghsv 200 500 -m