

JARGY CO., LTD.

Test Report

Model :CBL-PD302MBSWB-5m

Ver : 1.0

Date : 2017/8/10

Camera Brand Name : **IDS**

Test Platform

| | | | |
|----------------|---|--|--|
| Type | USB3 CAM Control System | | |
| Model | Advantech AIIS-1440 | | |
| OS | Windows 7 Pro 64-bit | | |
| CPU | Intel Core i7-3770 | | |
| HDD | SATA III 500GB | | |
| RAM | DDR3 16GB | | |
| USB 3.0 | Dedicated controller 4 Ports (uPD720202) | | |

| | | | |
|--|--|--|--|
| | | | |
| | | | |

Tested Camera : **UI-3080CP-C-HQ** (2456 x 2054, 5MP, 77fps, 370MB/s) + **UI-3880CP-C-HQ**(3088 x 2076, 6.4MP, 58fps, 358MB/s)

Tested time :**136h**



UI-3080CP-C-HQ

UI-3880CP-C-HQ

uEye Cockpit UI-308xCP-C ID: 1 - SerNo.: 4103007978

UI-308CP-C-HQ

Host Performance

Frame Timing (only in DIB mode)

| | |
|-------------------------|-----------|
| CPU load | 66 % |
| FPS from Camera | 74.9 fps |
| Max FPS possible by CPU | 124.0 fps |
| Frame calculation time | 8.1 ms |
| Frame delay time | 13.4 ms |

Timing Ratio: 0.60

Settings OK Settings critical

Use OpenMP Default

Current software settings

| | |
|--------------------|-------------|
| Image size | 2456 x 2054 |
| Auto exposure | OFF |
| Auto white balance | ON |
| Auto gain | OFF |
| Edge enhancement | OFF |
| LUT | OFF |
| Gamma | OFF |
| Skip frames | - |
| Auto exposure/gain | - |
| Auto white balance | 4 |

Capture failures

| | |
|------------------------------|---|
| API no destination memory: | 0 |
| API conversion failed: | 0 |
| API image locked: | 0 |
| Driver out of buffers: | 0 |
| Driver device not ready: | 0 |
| USB transfer failed: | 0 |
| Device timeout: | 0 |
| Device buffer overrun: | 0 |
| Device missed images: | 0 |
| Device frame capture failed: | 0 |
| Total failures: | 0 |

Reset Errors

Bandwidth

| | |
|--------------------------|------------|
| Max interface bandwidth: | 420.0 MB/s |
| Average camera bandwidth | 360.3 MB/s |

Settings OK Settings critical

Camera buffer info

| | |
|----------------------|----|
| Camera image buffers | 26 |
| Used | 2 |

0% 100%

Resent packets: 0

Device temperature: 52.4° C (126.4° F)

Close

Taskbar: [BGR.A8 (2456 x 2054) | Frames: 36436572 Display: 151155205 Failed: 0 Recon: 0 | Transfer: OK | FPS: 74.90]

uEye Cockpit UI-388xCP-C ID: 1 - SerNo.: 4103007943

UI-3880CP-C-HQ

Host Performance

Frame Timing (only in DIB mode)

| | |
|-------------------------|-----------|
| CPU load | 69 % |
| FPS from Camera | 58.6 fps |
| Max FPS possible by CPU | 109.0 fps |
| Frame calculation time | 9.2 ms |
| Frame delay time | 17.1 ms |

Timing Ratio: 0.54

Settings OK Settings critical

Use OpenMP Default

Current software settings

| | |
|--------------------|-------------|
| Image size | 3088 x 2076 |
| Auto exposure | OFF |
| Auto white balance | ON |
| Auto gain | OFF |
| Edge enhancement | OFF |
| LUT | OFF |
| Gamma | OFF |
| Skip frames | - |
| Auto exposure/gain | - |
| Auto white balance | 4 |

Capture failures

| | |
|------------------------------|---|
| API no destination memory: | 0 |
| API conversion failed: | 0 |
| API image locked: | 0 |
| Driver out of buffers: | 0 |
| Driver device not ready: | 0 |
| USB transfer failed: | 0 |
| Device timeout: | 0 |
| Device buffer overrun: | 0 |
| Device missed images: | 0 |
| Device frame capture failed: | 0 |
| Total failures: | 0 |

Reset Errors

Bandwidth

| | |
|--------------------------|------------|
| Max interface bandwidth: | 420.0 MB/s |
| Average camera bandwidth | 358.6 MB/s |

Settings OK Settings critical

Camera buffer info

| | |
|----------------------|----|
| Camera image buffers | 20 |
| Used | 1 |

0% 100%

Resent packets: 0

Device temperature: 50.9° C (123.6° F)

Close

Taskbar: [BGR.A8 (3088 x 2076) | Frames: 28528094 Display: 14695154 Failed: 0 Recon: 0 | Transfer: OK | FPS: 58.65]