

# JARGY CO., LTD.

## Test Report

Model :CBL-D302MBSWB-15m

Ver : 1.0

Date : 2017/10/26

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                                       |  |  |
| <b>USB 3.0</b> | <b>Dedicated controller 4 Ports (uPD720202)</b> |  |  |

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

Tested Camera : **UI-3360CP-C-HQ** (2048 x 1088, 2MP, 152fps, 344MB/s) + **UI-3370CP-C-HQ**(2048 x 2048, 4MP, 80fps, 344MB/s)

Tested time :**76h**



UI-3360CP-C-HQ

UI-3370CP-C-HQ

uEye Cockpit - UI336xCP-C - ID: 1 - SerNo.: 4102771852 UI-3360CP-C-HQ

File Edit View uEye Draw/Measure Profiles Help

**Host Performance**

Frame Timing (only in DIB mode)

|                         |           |
|-------------------------|-----------|
| CPU load                | 57 %      |
| FPS from Camera         | 152.2 fps |
| Max FPS possible by CPU | 264.4 fps |
| Frame calculation time  | 3.8 ms    |
| Frame delay time        | 6.6 ms    |

Timing Ratio: 0.58

Settings OK Settings critical

Use OpenMP Default

Current software settings

|                    |             |
|--------------------|-------------|
| Image size         | 2048 x 1088 |
| Auto exposure      | OFF         |
| Auto white balance | ON          |
| Auto gain          | OFF         |
| Edge enhancement   | OFF         |
| LUT                | OFF         |
| Gamma              | OFF         |
| Skip frames        |             |
| Auto exposure/gain | 4           |
| 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 |
| Peak camera bandwidth    | 344.0 MB/s |

Settings OK Settings critical

Camera buffer info

|                      |      |
|----------------------|------|
| Camera image buffers | 0    |
| Used                 | 0    |
| 0%                   | 100% |
| Resent packets       | 0    |

Device temperature: 54.6° C (130.2° F)

Close

USA | BGRA8 (2048 x 1088) | Frames: 41674009 Display: 8776361 Failed: 0 Recon: 0 Transfer: OK

uEye Cockpit - UI337xCP-C - ID: 1 - SerNo.: 4102781785 UI-3370CP-C-HQ

File Edit View uEye Draw/Measure Profiles Help

**Host Performance**

Frame Timing (only in DIB mode)

|                         |           |
|-------------------------|-----------|
| CPU load                | 100 %     |
| FPS from Camera         | 80.9 fps  |
| Max FPS possible by CPU | 221.8 fps |
| Frame calculation time  | 4.5 ms    |
| Frame delay time        | 12.4 ms   |

Timing Ratio: 0.36

Settings OK Settings critical

Use OpenMP Default

Current software settings

|                    |             |
|--------------------|-------------|
| Image size         | 2048 x 2048 |
| Auto exposure      | OFF         |
| Auto white balance | ON          |
| Auto gain          | OFF         |
| Edge enhancement   | OFF         |
| LUT                | OFF         |
| Gamma              | OFF         |
| Skip frames        |             |
| Auto exposure/gain | 4           |
| 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 |
| Peak camera bandwidth    | 344.0 MB/s |

Settings OK Settings critical

Camera buffer info

|                      |      |
|----------------------|------|
| Camera image buffers | 0    |
| Used                 | 0    |
| 0%                   | 100% |
| Resent packets       | 0    |

Device temperature: 56.1° C (133.0° F)

Close

USA | BGRA8 (2048 x 2048) | Frames: 22147135 Display: 8773661 Failed: 0 Recon: 0

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2017/10/26