

# JARGY CO., LTD.

## Test Report

Model :[CBL-D302MBS-10m](#)

Ver : 1.0

Date : 2017/9/7

Camera Brand Name : [IDS](#)

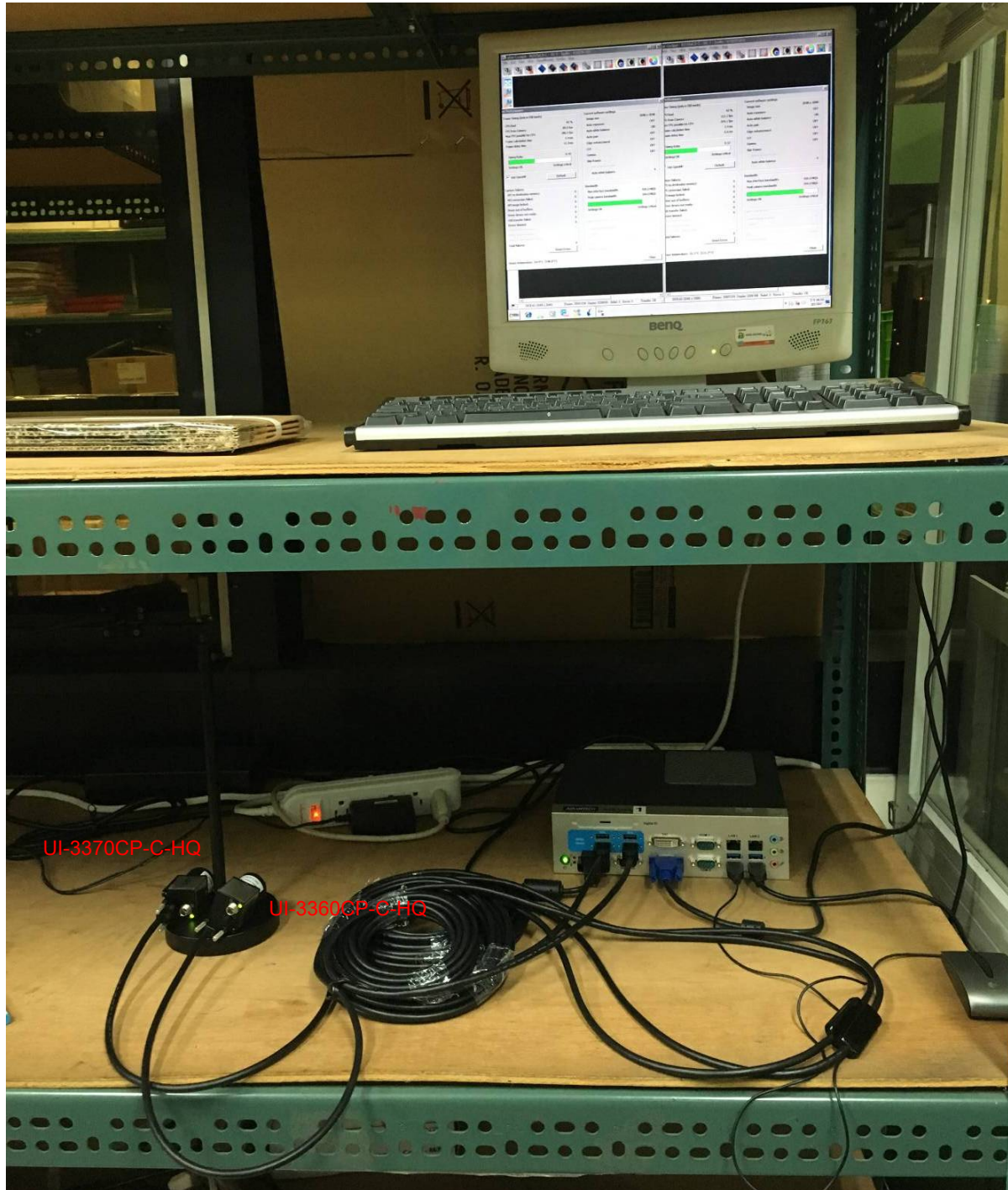
### Test Platform

|                         |  |  |  |
|-------------------------|--|--|--|
| 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  |  |  |
| <a href="#">USB 3.0</a> | <a href="#">Dedicated controller 4 Ports (uPD720202)</a> |  |  |

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

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 :[72h](#)



UI-3370CP-C-HQ

UI-3360CP-C-HQ

uEye Cockpit - UI337xCP-C - ID: 1 - SerNo.: 4102781785

File Edit View uEye Draw/Measure Profiles Help

UI-3370CP-C-HQ

uEye Cockpit - UI336xCP-C - ID: 1 - SerNo.: 4102771852

Edit View uEye Draw/Measure Profiles Help

UI-3360CP-C-HQ

Best Performance

Frame Timing (only in DIB mode)

|                         |           |
|-------------------------|-----------|
| CPU load                | 46 %      |
| FPS from Camera         | 80.9 fps  |
| Max FPS possible by CPU | 181.9 fps |
| Frame calculation time  | 5.5 ms    |
| Frame delay time        | 12.4 ms   |

Timing Ratio: 0.44

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 | -           |
| Auto white balance | 4           |

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    |

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

Device temperature: 64.4° C (148.0° F)

Close

Performance

Frame Timing (only in DIB mode)

|                         |           |
|-------------------------|-----------|
| CPU load                | 45 %      |
| FPS from Camera         | 152.2 fps |
| Max FPS possible by CPU | 287.0 fps |
| Frame calculation time  | 3.5 ms    |
| Frame delay time        | 6.6 ms    |

Timing Ratio: 0.53

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 | -           |
| Auto white balance | 4           |

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    |

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

Device temperature: 55.1° C (131.2° F)

Close

BGRA8 (2048 x 2048) | Frames: 20943583 | Display: 8296974 | Failed: 0 | Recon: 0 | Transfer: OK

BGRA8 (2048 x 1088) | Frames: 39408010 | Display: 8298538 | Failed: 0 | Recon: 0 | Transfer: OK