

# JARGY CO., LTD.

## Test Report

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

Ver : 1.0

Date : 2017/9/4

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-3060CP-C-HQ](#) (1936 x 1216, 2.23MP, 166fps, 372MB/s) + [UI-3080CP-C-HQ](#) (2456 x 2054, 5MP, 77fps, 370MB/s)

Tested time : [95h](#)



uEye Cockpit - UI306xCPC - ID: 1 - SerNo.: 4102860174

File Edit View uEye Draw/Measure Profiles Help

UI-3060CP-C-HQ

1:1  
1:2  
1:4

uEye Cockpit - UI308xCPC - ID: 1 - SerNo.: 4103007978

File Edit View uEye Draw/Measure Profiles Help

UI-3080CP-C-HQ

1:1  
1:2  
1:4

Host Performance

Frame Timing (only in DIB mode)

CPU load	59 %
FPS from Camera	161.7 fps
Max FPS possible by CPU	321.6 fps
Frame calculation time	3.1 ms
Frame delay time	6.2 ms

Timing Ratio: 0.50

Settings OK Settings critical

Use OpenMP Default

Current software settings

Image size	1936 x 1216
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

Host Performance

Frame Timing (only in DIB mode)

CPU load	60 %
FPS from Camera	74.9 fps
Max FPS possible by CPU	153.1 fps
Frame calculation time	6.5 ms
Frame delay time	13.4 ms

Timing Ratio: 0.49

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	363.0 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	56
Used	1

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

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: 57.9° C (136.2° F) Close

Device temperature: 65.9° C (150.6° F) Close

BGRA8 (1936 x 1216) | Frames: 55624061 | Display: 11027310 | Failed: 0 | Recon: 0 | Transfer: OK

BGRA8 (2456 x 2054) | Frames: 25777515 | Display: 10789403 | Failed: 0 | Recon: 0 | Transfer: OK