

JARGY CO., LTD.

Test Report

Model :CBL-D302MBS-10m

Ver : 1.0

Date : 2017/9/19

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-3070CP-C-HQ** (2056 x 1542, 3.1MP, 134fps, 425MB/s) + **UI-3880CP-C-HQ**(3088 x 2076, 6.4MP, 58fps, 358MB/s)

Tested time :**95h**



UI-3070CP-C-HQ

UI-3880CP-C-HQ

uEye Cockpit - UI307xCP-C - ID: 1 - SerNo.: 4103092425

File View uEye Profiles Help

UI-3070CP-C-HQ

uEye Cockpit - UI388xCP-C - ID: 1 - SerNo.: 4103087943

File View uEye Profiles Help

UI-3880CP-C-HQ

Lost Performance

Frame Timing (only in DIB mode)	
CPU load	65 %
FPS from Camera	119.1 fps
Max FPS possible by CPU	199.5 fps
Frame calculation time	5.0 ms
Frame delay time	8.4 ms

Current software settings	
Image size	2056 x 1542
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

Timing Ratio: 0.60

Settings OK Settings critical

Use OpenMP

Default

Performance

Frame Timing (only in DIB mode)	
CPU load	59 %
FPS from Camera	58.6 fps
Max FPS possible by CPU	130.1 fps
Frame calculation time	7.7 ms
Frame delay time	17.1 ms

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

Timing Ratio: 0.45

Settings OK Settings critical

Use OpenMP

Default

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	360.2 MB/s

Settings OK Settings critical

Camera buffer info	
Camera image buffers	42
Used	2
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	358.6 MB/s

Settings OK Settings critical

Camera buffer info	
Camera image buffers	20
Used	1
0%	100%
Resent packets	0

Device temperature: 70.5° C (158.9° F) Close

Device temperature: 57.2° C (134.9° F) Close

BGRA8 (2056 x 1542) Frames: 40899753 Display: 10937184 Failed: 0 Recc Transfer: OK

BGRA8 (3088 x 2076) Frames: 20137586 Display: 10579005 Failed: 0 Recc Transfer: OK