

JARGY CO., LTD.

Test Report

Model :CBL-PD302MBSWB-5m

Ver : 1.0

Date : 2017/8/4

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		
USB 3.0	Dedicated controller 4 Ports (uPD720202)		

Tested Camera : **UI-3360CP-C-HQ** (152fps, 344MB/s) + **UI-3370CP-C-HQ**(80fps, 344MB/s)

Tested time :**55h**



UI-3360CP-C-HQ

UI-3370CP-C-HQ

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

File Edit View uEye Draw/Measure Profiles Help

UI-3360CP-C-HQ

1:1
1:2

Performance

Frame Timing (only in DIB mode)

CPU load	41 %
FPS from Camera	152.2 fps
Max FPS possible by CPU	331.4 fps
Frame calculation time	3.0 ms
Frame delay time	6.6 ms

Timing Ratio: 0.46

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

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: 62.2° C (143.9° F)

Close

BGRA8 (2048 x 1088) Frames: 30251472 Display: 6370453 Failed: 0 Recon: 0 Transfer: OK

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

File Edit View uEye Draw/Measure Profiles Help

UI-3370CP-C-HQ

1:1
1:2

Host Performance

Frame Timing (only in DIB mode)

CPU load	43 %
FPS from Camera	80.9 fps
Max FPS possible by CPU	180.4 fps
Frame calculation time	5.5 ms
Frame delay time	12.4 ms

Timing Ratio: 0.45

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

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: 57.4° C (135.4° F)

Close

BGRA8 (2048 x 2048) Frames: 16074715 Display: 6368163 Failed: 0 Recon: 0 Transfer: OK

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2017/8/4