

JARGY CO., LTD.

Test Report

Model : [CBL-D302MBSWB-15m](#)

Ver : 1.0

Date : 2017/10/23

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-3060CP-C-HQ](#) (1936 x 1216, 2.23MP, 166fps, 372MB/s) + [UI-3880CP-C-HQ](#)(3088 x 2076, 6.4MP, 58fps, 358MB/s)

Tested time : [92h](#)



UI-3880CP-C-HQ

UI-3060CP-C-HQ

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

File View uEye Profiles Help

UI-3880CP-C-HQ

Performance

Timing (only in DIB mode)

CPU load	60 %
FPS from Camera	58.6 fps
Max FPS possible by CPU	103.1 fps
Frame calculation time	9.7 ms
Frame delay time	17.1 ms

Timing Ratio: 0.57

Settings OK Settings critical

Use OpenMP Default

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	4
Auto white balance	4

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

Reset Errors

Device temperature: 53.9° C (129.1° F) Close

BGRA8 (3088 x 2076) Frames: 19432511 Display: 9844893 Failed: 0 Recor Transfer: OK

uEye Cockpit - UI306xCP-C - ID: 1 - SerNo.: 4103071131

File View uEye Profiles Help

UI-3060CP-C-HQ

Host Performance

Frame Timing (only in DIB mode)

CPU load	59 %
FPS from Camera	160.6 fps
Max FPS possible by CPU	302.2 fps
Frame calculation time	3.3 ms
Frame delay time	6.2 ms

Timing Ratio: 0.53

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

Bandwidth

Max interface bandwidth:	420.0 MB/s
Average camera bandwidth	360.7 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	56
Used	1
0%	100%
Resent packets	0

Reset Errors

Device temperature: 61.0° C (141.8° F) Close

BGRA8 (1936 x 1216) Frames: 53222629 Display: 10618502 Failed: 0 Recc Transfer: OK