

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-3160CP-C-HQ** (1920 x 1200, 2.3MP, 165fps, 362MB/s) + **UI-3180CP-C-HQ**(2592 x 2048, 5.3MP, 72fps, 364MB/s)

Tested time :**93h**



uEye Cockpit - UI318xCP-C - ID: 255 - SerNo.: 4103025231

File View uEye Profiles Help

UI-3180CP-C-HQ

Host Performance

Frame Timing (only in DIB mode)

CPU load	65 %
FPS from Camera	71.3 fps
Max FPS possible by CPU	171.7 fps
Frame calculation time	5.8 ms
Frame delay time	14.0 ms

Timing Ratio: 0.42

Settings OK Settings critical

Use OpenMP Default

Current software settings

Image size	2592 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
Average camera bandwidth	360.8 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	25
Used	2

0% 100%

Resent packets: 0

Device temperature: 58.6° C (137.5° F)

Close

BGRA8 (2592 x 2048) Frames: 23972795 Display: 10584223 Failed: 0 Recon: 0 Transfer: OK FPS

uEye Cockpit - UI316xCP-C - ID: 1 - SerNo.: 4103025360

File View uEye Profiles Help

UI-3160CP-C-HQ

Host Performance

Frame Timing (only in DIB mode)

CPU load	63 %
FPS from Camera	164.0 fps
Max FPS possible by CPU	278.0 fps
Frame calculation time	3.6 ms
Frame delay time	6.1 ms

Timing Ratio: 0.59

Settings OK Settings critical

Use OpenMP Default

Current software settings

Image size	1920 x 1200
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	360.4 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	58
Used	2

0% 100%

Resent packets: 0

Device temperature: 69.2° C (156.5° F)

Close

BGRA8 (1920 x 1200) Frames: 55212033 Display: 10769380 Failed: 0 Recon: 0 Transfer: OK FPS