

JARGY CO., LTD.

Test Report

Model : CBL-HFPD302MBS-3m

Ver : 1.0

Date : 2016/1/4

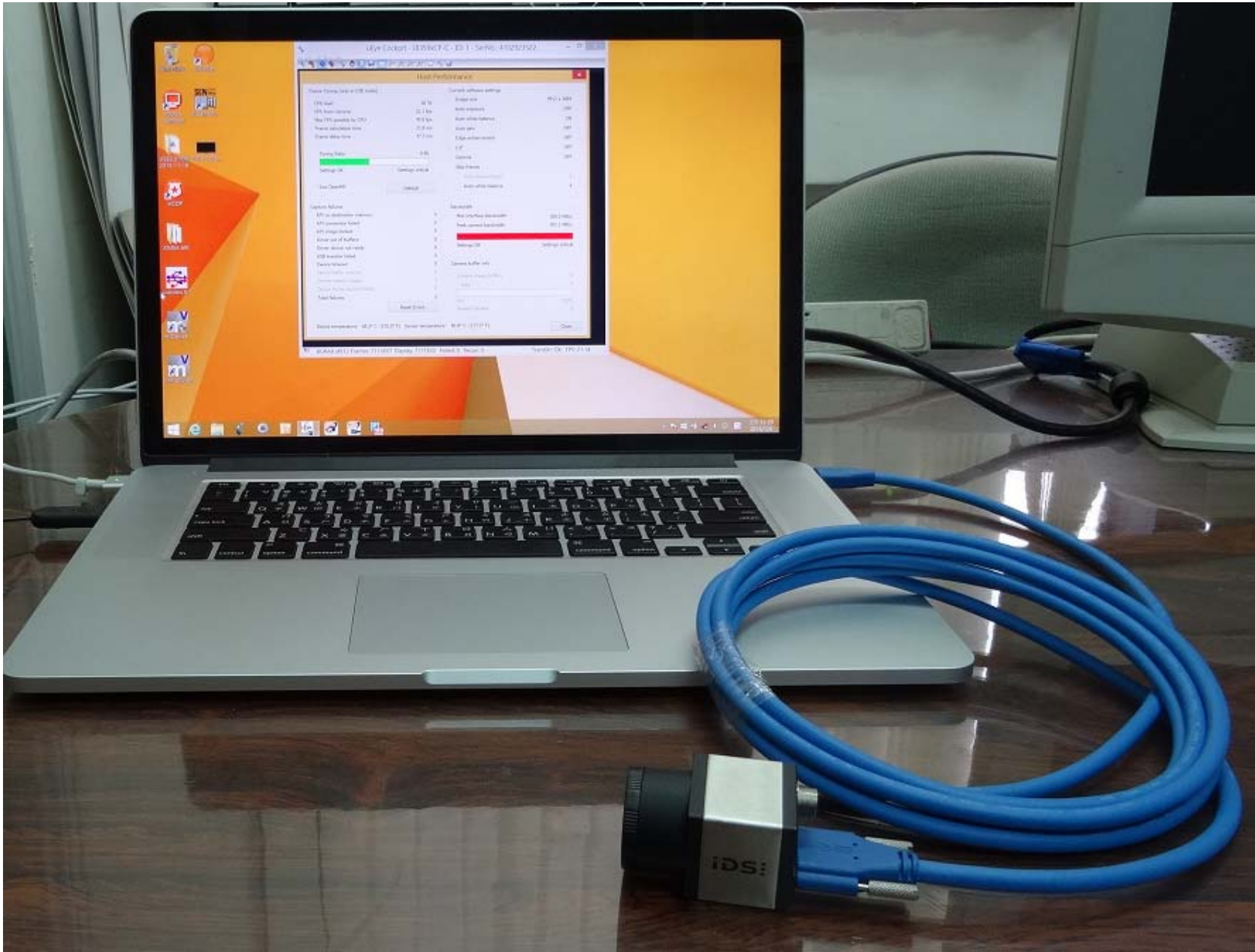
Camera Brand Name : IDS

Test Platform

Type	NB		
Model	MAC		
OS	Windows 8.1 Pro 64-bit		
CPU	Intel Core i7-3615QM		
HDD	SATA III SSD 128GB		
RAM	DDR3 8GB		
USB 3.0	PCH 2 Ports(Intel Z77 Native)		

Tested Camera : UI-3590CP-C-HQ

Tested time : 93h



My Excalibur - iDSi SGT C - ID 1 - Serno - 410227922

Hardware

Device	Manufacturer	Model	Serial Number
Processor	Intel	Core i5-3210	00000000000000000000000000000000
Memory	Crucial	DDR3-1333	00000000000000000000000000000000
Hard Drive	Seagate	7200 RPM	00000000000000000000000000000000
Optical Drive	HL-DT-ST	BD-R	00000000000000000000000000000000
Network Adapter	Realtek	PCI-E	00000000000000000000000000000000
Sound Card	Realtek	High Definition Audio	00000000000000000000000000000000
Keyboard	Logitech	USB	00000000000000000000000000000000
Mouse	Logitech	USB	00000000000000000000000000000000
Webcam	Logitech	USB	00000000000000000000000000000000
Power Supply	ACER	60W	00000000000000000000000000000000
Case	HP	ProBook	00000000000000000000000000000000

uEye Cockpit - UI359xCP-C - ID: 1 - SerNo.: 4102923522

Host Performance

Frame Timing (only in DIB mode)

CPU load	40 %
FPS from Camera	21.1 fps
Max FPS possible by CPU	45.2 fps
Frame calculation time	22.1 ms
Frame delay time	47.3 ms

Timing Ratio: 0.47

Settings OK Settings critical

Use OpenMP

Current software settings

Image size	4912 x 3684
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

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

Bandwidth

Max interface bandwidth:	380.0 MB/s
Peak camera bandwidth	501.1 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	0
Used	0
0%	100%
Resend packets	0

Device temperature: 68.3° C (154.8° F) Sensor temperature: 81.6° C (178.9° F)

BGRA8 (4912 Frames: 7117013 Display: 7114976 Failed: 0 Recon: 0 Transfer: OK **FPS: 21.14**)

JARGY CO., LTD.

Test Report

Model : CBL-HFD302MBS-5m

Ver : 1.0

Date : 2015/12/24

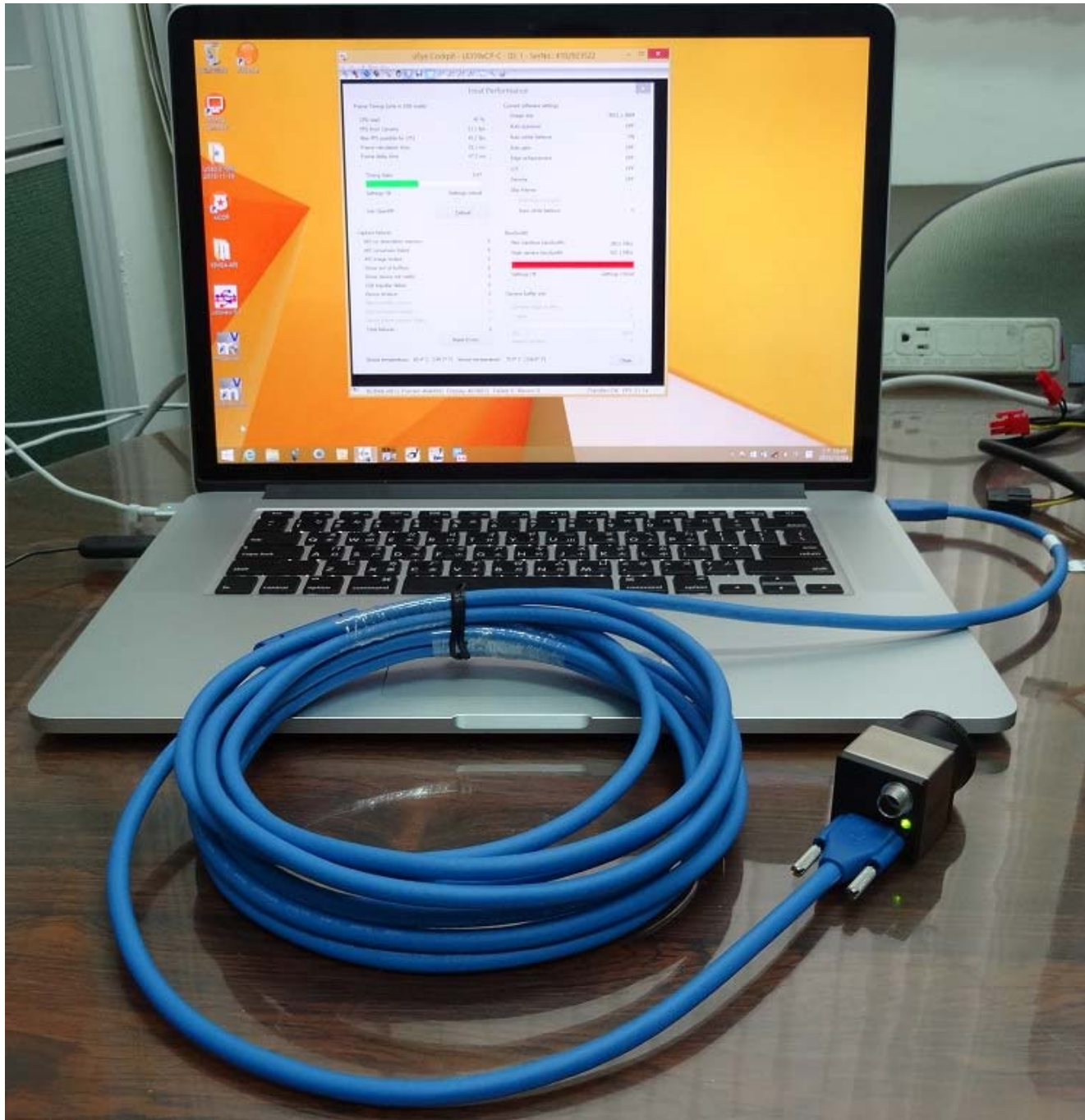
Camera Brand Name : IDS

Test Platform

Type	NB		
Model	MAC		
OS	Windows 8.1 Pro 64-bit		
CPU	Intel Core i7-3615QM		
HDD	SATA III SSD 128GB		
RAM	DDR3 8GB		
USB 3.0	PCH 2 Ports(Intel Z77 Native)		

Tested Camera : UI-3590CP-C-HQ

Tested time : 73h



uEye Cockpit - UI359xCP-C - ID: 1 - SerNo.: 4102923522

Host Performance

Frame Timing (only in DIB mode)

CPU load	49 %
FPS from Camera	21.1 fps
Max FPS possible by CPU	45.7 fps
Frame calculation time	21.9 ms
Frame delay time	47.3 ms

Timing Ratio: 0.46
Settings OK Settings critical

Use OpenMP

Current software settings

Image size	4912 x 3684
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

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

Bandwidth

Max interface bandwidth:	380.0 MB/s
Peak camera bandwidth	501.1 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	0
Used	0
0%	100%
Resend packets	0

Device temperature: 65.6° C (150.1° F) Sensor temperature: 78.4° C (173.1° F)

BGRA8 (4912 Frames: 4640962 Display: 4638886 Failed: 0 Recon: 0 Transfer: OK **FPS: 21.14**)

JARGY CO., LTD.

Test Report

Model : CBL-HFD302MBS-7m

Ver : 1.0

Date : 2015/12/21

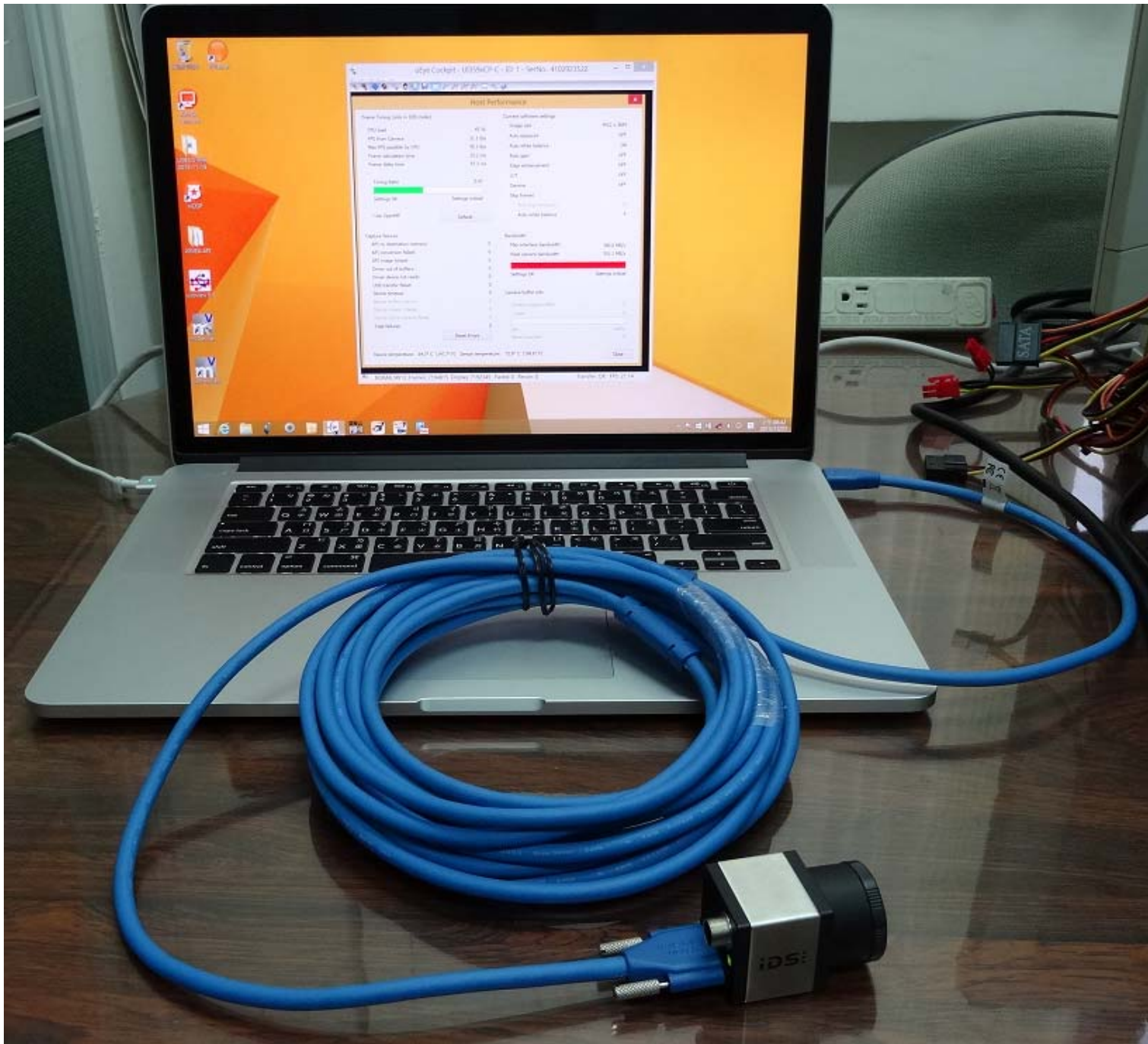
Camera Brand Name : IDS

Test Platform

Type	NB		
Model	MAC		
OS	Windows 8.1 Pro 64-bit		
CPU	Intel Core i7-3615QM		
HDD	SATA III SSD 128GB		
RAM	DDR3 8GB		
USB 3.0	PCH 2 Ports(Intel Z77 Native)		

Tested Camera : UI-3590CP-C-HQ

Tested time : 94h

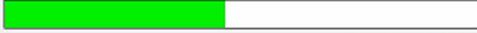


uEye Cockpit - UI359xCP-C ID: 1 - SerNo.: 4102923522

Host Performance

Frame Timing (only in DIB mode)

CPU load	51 %
FPS from Camera	21.1 fps
Max FPS possible by CPU	44.2 fps
Frame calculation time	22.6 ms
Frame delay time	47.3 ms

Timing Ratio: 0.48

Settings OK Settings critical

Use OpenMP

Current software settings


Image size	4912 x 3684
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

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

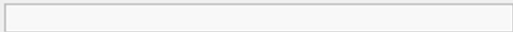
Bandwidth

Max interface bandwidth:	380.0 MB/s
Peak camera bandwidth	501.1 MB/s


Settings OK Settings critical

Camera buffer info

Camera image buffers	0
Used	0


0% 100%
Resend packets 0

Device temperature: 64.3° C (147.7° F) Sensor temperature: 75.9° C (168.6° F)

BGRA8 (4912 Frames: 7195203 Display: 7192733 Failed: 0 Recon: 0 Transfer: OK **FPS: 21.14**)

JARGY CO., LTD.

Test Report

Model : CBL-HFD302MBS-8m

Ver : 1.0

Date : 2016/3/17

Camera Brand Name : IDS

Test Platform

Type	NB		
Model	MAC		
OS	Windows 10 Pro 64-bit		
CPU	Intel Core i7-4770HQ		
HDD	SATA III SSD 256GB		
RAM	DDR3 16GB		
USB 3.0	PCH 2 Ports(Intel Z87 Native)		

Tested Camera : UI-3590CP-C-HQ

Tested time : 72h





Host Performance

Frame Timing (only in DIB mode)	
CPU load	68 %
FPS from Camera	21.1 fps
Max FPS possible by CPU	29.7 fps
Frame calculation time	33.7 ms
Frame delay time	47.3 ms

Timing Ratio: 0.71

Settings OK Settings critical

Use OpenMP Default

Current software settings	
Image size	4912 x 3684
Auto exposure	ON
Auto white balance	ON
Auto gain	OFF
Edge enhancement	OFF
LUT	OFF
Gamma	OFF
Skip frames	
Auto exposure/gain	4
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	432.0 MB/s

Settings OK Settings critical

Camera buffer info	
Camera image buffers	0
Used	0

0% 100%

Resend packets 0

Device temperature: 54.9° C (130.8° F) Sensor temperature: 67.8° C (154.0° F) Close

JARGY CO., LTD.

Test Report

Model : CBL-HFD302MBS-10m

Ver : 1.0

Date : 2015/12/10

Camera Brand Name : IDS

Test Platform

Type	PC		
Model	msi Z170A PC MATE		
OS	Windows 10 Pro 64-bit		
CPU	Intel Core i5-6400		
HDD	SATA III 1TB		
RAM	DDR4 4GB		
USB 3.0	PCH 6 Ports(Intel Z170 Native)		

Tested Camera : UI-3590CP-C-HQ

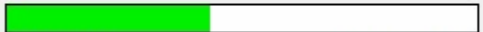
Tested time : 72h

Host Performance

Frame Timing (only in DIB mode)

CPU load	47 %
FPS from Camera	21.1 fps
Max FPS possible by CPU	47.1 fps
Frame calculation time	21.3 ms
Frame delay time	47.3 ms

Timing Ratio 0.45



Settings OK Settings critical

Use OpenMP Default

Current software settings

Image size	4912 x 3684
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


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

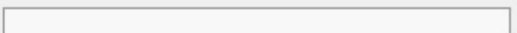
Max interface bandwidth:	380.0 MB/s
Peak camera bandwidth	501.1 MB/s



Settings OK Settings critical

Camera buffer info

Camera image buffers	0
Used	0



0% 100%

Resend packets 0

Device temperature: 68.4° C (155.1° F) Sensor temperature: 81.6° C (178.9° F) Close

BGRA8 (4912 x 3684) Frames: 5496042 Display: 5494232 Failed: 0 Recon: Transfer: OK FPS: 21.14