

JARGY CO., LTD.

Test Report

Model : CBL-U3AOC03-10m

Ver : 1.0

Date : 2016/4/11

Camera Brand Name : IDS

Test Platform

Type	PC		
Model	ASRock Z170 Extreme4		
OS	Windows 7 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-3060CP-C-HQ

Tested time : 114h





Host Performance

Frame Timing (only in DIB mode)

CPU load	44 %
FPS from Camera	161.7 fps
Max FPS possible by CPU	339.8 fps
Frame calculation time	2.9 ms
Frame delay time	6.2 ms

Timing Ratio: 0.48

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	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	549.8 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	0
Used	0

0% 100%

Resend packets 0

Device temperature: 67.7° C (153.8° F) Close

JARGY CO., LTD.

Test Report

Model : CBL-U3AOC03-15m

Ver : 1.0

Date : 2016/3/21

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-3060CP-C-HQ

Tested time : 91h



202-7m+CBL-302-7m
2-10m+CBL-302-10
-15m+CBL-302-15m =
-302-3m or CBL-302-3m
connect with an e
e connected device
BL-302-¹⁵/₂₀m needs
e power adapter is



Host Performance

Frame Timing (only in DIB mode)

CPU load	66 %
FPS from Camera	161.7 fps
Max FPS possible by CPU	226.4 fps
Frame calculation time	4.4 ms
Frame delay time	6.2 ms

Timing Ratio: 0.71

Settings OK Settings critical

Use OpenMP

Current software settings

Image size	1936 x 1216
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

Bandwidth

Max interface bandwidth:	420.0 MB/s
Peak camera bandwidth	474.0 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	0
Used	0

0% 100%

Resend packets 0

Device temperature: 48.9° C (120.0° F)

JARGY CO., LTD.

Test Report

Model : CBL-U3AOC03-20m

Ver : 1.0

Date : 2016/3/24

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-3060CP-C-HQ

Tested time : 72h





Host Performance

Frame Timing (only in DIB mode)

CPU load	74 %
FPS from Camera	161.7 fps
Max FPS possible by CPU	227.5 fps
Frame calculation time	4.4 ms
Frame delay time	6.2 ms

Timing Ratio: 0.71

Settings OK Settings critical

Use OpenMP Default

Current software settings

Image size	1936 x 1216
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	474.0 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	0
Used	0

0% 100% Resend packets 0

Device temperature: 47.9° C (118.2° F) Close

BGRA8 (1936 Frames: 42389474 Display: 8389864 Failed: 0 Recon Transfer: OK **FPS: 161.67**)

JARGY CO., LTD.

Test Report

Model : CBL-U3AOC03-30m

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-3060CP-C-HQ

Tested time : 72h





Host Performance

Frame Timing (only in DIB mode)

CPU load	63 %
FPS from Camera	161.7 fps
Max FPS possible by CPU	230.5 fps
Frame calculation time	4.3 ms
Frame delay time	6.2 ms

Timing Ratio: 0.70

Settings OK Settings critical

Use OpenMP Default

Current software settings

Image size	1936 x 1216
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	474.0 MB/s

Settings OK Settings critical

Camera buffer info

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

Device temperature: 42.1° C (107.7° F) Close