

JARGY CO., LTD.

Test Report

Model : CBL-USPD302MBS-3m

Ver : 1.0

Date : 2015/11/23

Camera Brand Name : IDS

Test Platform

Type	PC		
Model	ASUS Z97-K/USB3.1		
OS	Windows 7 Home Premium 64Bit		
CPU	Intel Core i3-4160		
HDD	SATA III 1TB		
RAM	DDR3 4GB		
USB 3.0	PCH 6 Ports(Intel Z97 Native)		

Tested Camera : UI-3360CP-C-HQ

Tested time : 72h



uEye Cockpit - UI336xCP-C ID: 1 - 序號: 4102771852

檔案 查看 uEye 檔案資料 幫助(H)

1:1 1:2 1:4 2:1

主機性能

幀時序 (僅DIB模式)

CPU負載	67 %
相機FPS	152.2 fps
CPU限制下的最高幀率	226.0 fps
幀計算時間	4.4 ms
幀延遲時間	6.6 ms

時序比率: 0.67

設定OK 設定臨界

使用OpenMP 預設

目前設定

影像尺寸	2048 x 1088
自動曝光	關閉
自動白平衡	開啟
自動增益	關閉
邊緣增強	關閉
軟體 LUT	關閉
軟體Gamma	關閉
忽略幀數	
自動曝光/增益	4
自動白平衡	4

取像失敗

API 無目的地記憶體:	0
API 轉換失?: :	0
API 影像鎖定:	0
驅動緩衝區溢滿:	0
裝置驅動未就緒:	0
USB 傳輸錯誤:	0
裝置逾時:	0
裝置緩衝區溢位:	0
裝置遺失影像:	0
Device frame capture failed:	0
總失敗:	0

重設錯誤

頻寬

最大介面頻寬	380.0 MB/s
相機頻寬高峰	399.0 MB/s

設定OK 設定臨界

相機緩衝區資訊

相機影像緩衝區	0
已使用	0

0% 100%

重寄封包 0

關閉

Device temperature: 62.7° C (144.8° F)

BGRA8 (2048 x 1088) 幀數: 39876845 顯示: 8397399 失敗: 0 Recon: 0 傳輸: 確認 **FPS: 152.21**

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Test Report

Model : CBL-USD302MBS-5m

Ver : 1.0

Date : 2016/2/1

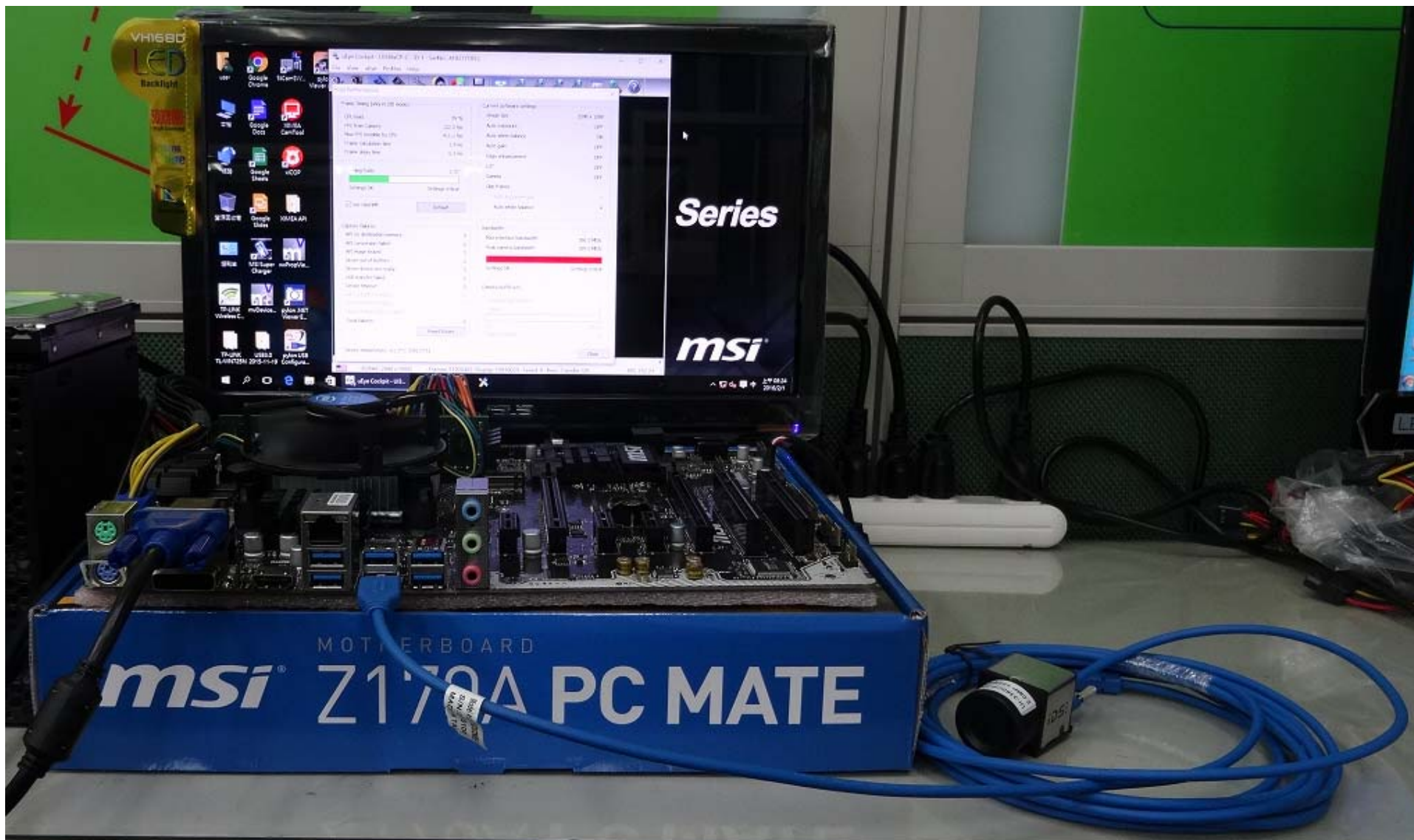
Camera Brand Name : IDS

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-3360CP-C-HQ

Tested time : 95h





Host Performance

Frame Timing (only in DIB mode)

CPU load	38 %
FPS from Camera	152.2 fps
Max FPS possible by CPU	403.9 fps
Frame calculation time	2.5 ms
Frame delay time	6.6 ms

Timing Ratio: 0.38

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	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	399.0 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	0
Used	0

0% 100%

Resend packets: 0

Device temperature: 61.1° C (142.0° F) Close

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Test Report

Model : CBL-USD302MBS-8m

Ver : 1.0

Date : 2016/3/1

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-3360CP-C-HQ

Tested time : 118h



Host Performance

Frame Timing (only in DIB mode)

CPU load	32 %
FPS from Camera	152.2 fps
Max FPS possible by CPU	420.0 fps
Frame calculation time	2.4 ms
Frame delay time	6.6 ms

Timing Ratio 0.36



Settings OK Settings critical

Use OpenMP

Default

Current software settings

Image size	2048 x 1088
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:	380.0 MB/s
Peak camera bandwidth	399.0 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)

Close

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Test Report

Model : CBL-USD302MBS-10m

Ver : 1.0

Date : 2016/3/7

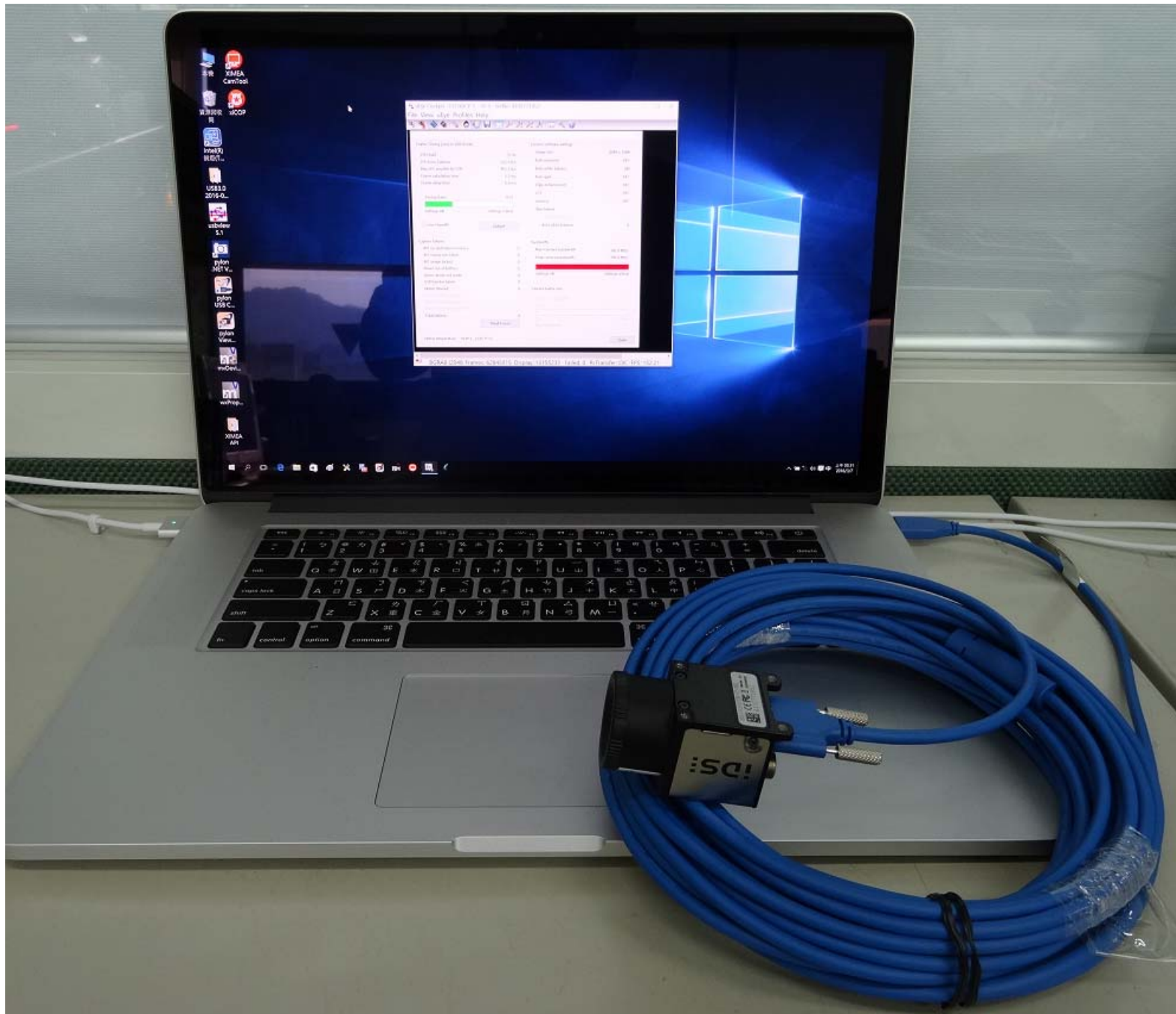
Camera Brand Name : IDS

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-3360CP-C-HQ

Tested time : 115h



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

File View uEye Profiles Help

Frame Timing (only in DIB mode)

CPU load	33 %
FPS from Camera	152.2 fps
Max FPS possible by CPU	451.9 fps
Frame calculation time	2.2 ms
Frame delay time	6.6 ms

Timing Ratio: 0.34

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	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:	399.0 MB/s

Settings OK Settings critical

Camera buffer info

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

Device temperature: 59.8° C (139.7° F) Close

BGRA8 (2048 Frames: 62846863 Display: 13155457 Failed: 0 R Transfer: OK FPS: 152.21)

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Test Report

Model : CBL-USD302MBS-12m

Ver : 1.0

Date : 2016/3/14

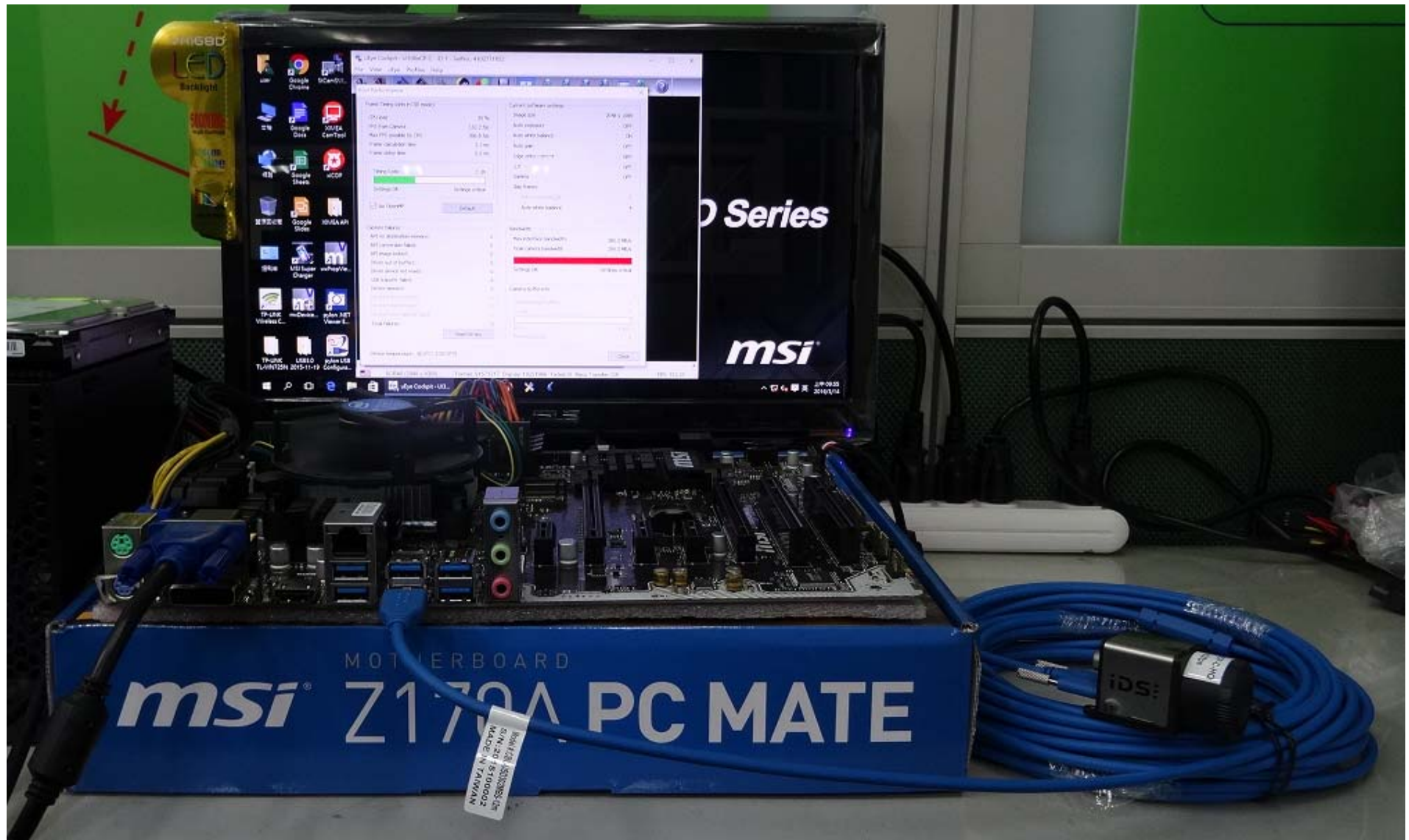
Camera Brand Name : IDS

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-3360CP-C-HQ

Tested time : 167h



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

File View uEye Profiles Help

Host Performance

Frame Timing (only in DIB mode)

CPU load	38 %
FPS from Camera	152.2 fps
Max FPS possible by CPU	394.6 fps
Frame calculation time	2.5 ms
Frame delay time	6.6 ms

Timing Ratio: 0.39

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	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	399.0 MB/s

Settings OK Settings critical

Camera buffer info

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

Device temperature: 56.6°C (133.9°F) Close

BGRA8 (2048 x 1088) Frames: 91573565 Display: 19252459 Failed: 0 Recc Transfer: OK FPS: 152.21

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Test Report

Model : CBL-USD302MBS-15m

Ver : 1.0

Date : 2016/3/17

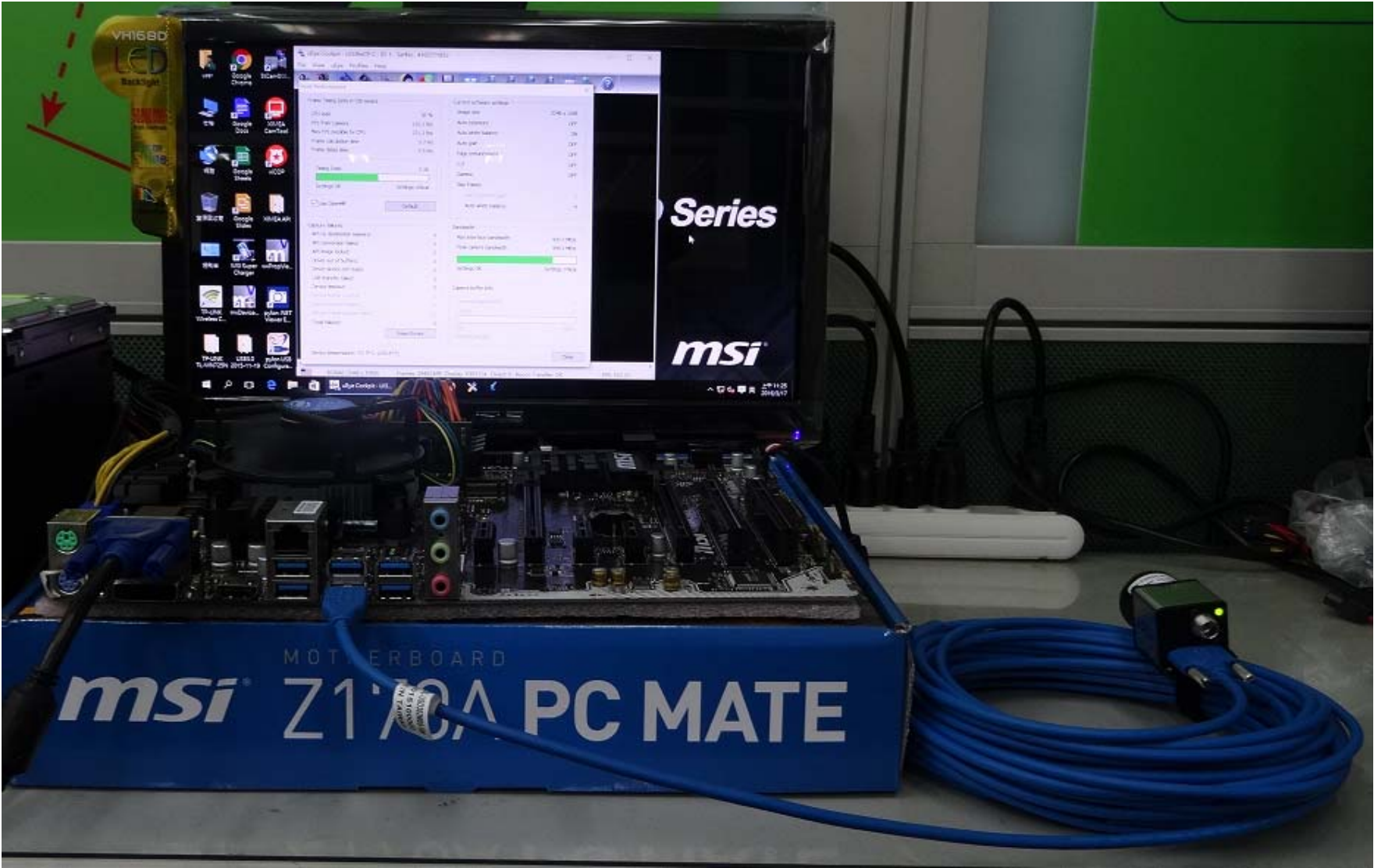
Camera Brand Name : IDS

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-3360CP-C-HQ

Tested time : 72h



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

File View uEye Profiles Help

Host Performance

Frame Timing (only in DIB mode)

CPU load	56 %
FPS from Camera	152.2 fps
Max FPS possible by CPU	268.9 fps
Frame calculation time	3.7 ms
Frame delay time	6.6 ms

Timing Ratio: 0.57

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	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

Device temperature: 57.7° C (135.8° F)

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%

Resend packets 0

Close

BGRA8 (2048 x 1088) Frames: 39495063 Display: 8303663 Failed: 0 Recor Transfer: OK **FPS: 152.21**