

JARGY CO., LTD.

Test Report

Model :CBL-PD302MBSWB-5m

Ver : 1.0

Date : 2017/8/10

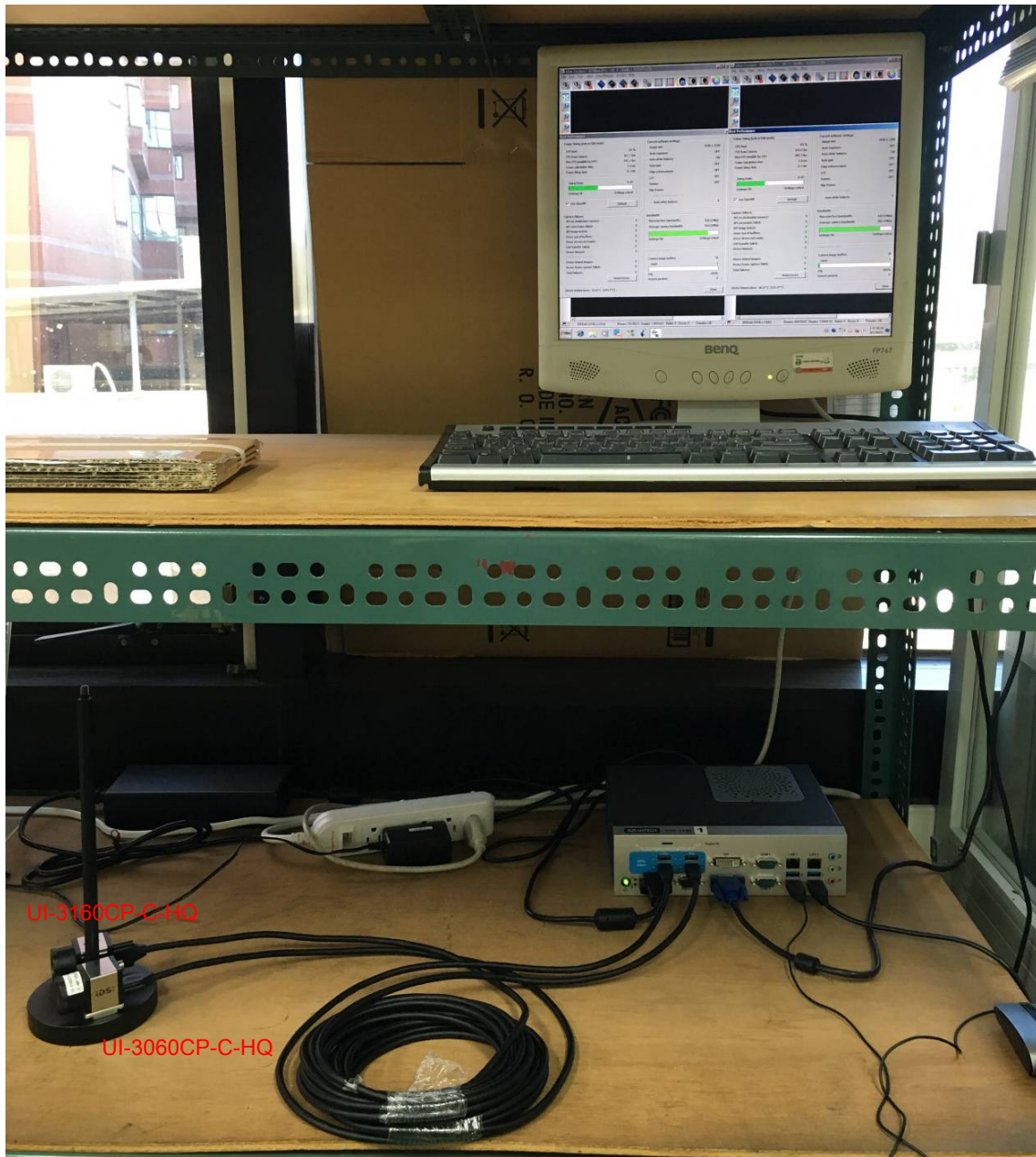
Camera Brand Name : **IDS**

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-3160CP-C-HQ**(1920x 1200, 2.3MP, 165fps, 362MB/s)

Tested time :**136h**



UI-3160CP-C-HQ

UI-3060CP-C-HQ

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

File Edit View uEye Draw/Measure Profiles Help

UI-3060CP-C-HQ

1:1
1:2
1:4

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

File Edit View uEye Draw/Measure Profiles Help

UI-3160CP-C-HQ

1:1
1:2
1:4

Host Performance

Frame Timing (only in DIB mode)

CPU load	62 %
FPS from Camera	161.7 fps
Max FPS possible by CPU	415.6 fps
Frame calculation time	2.4 ms
Frame delay time	6.2 ms

Timing Ratio: 0.39

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

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	363.0 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	56
Used	1

0% 100% Resent packets: 0

Device temperature: 62.6° C (144.7° F) Close

Device info: [US] BGRx8 (1936 x 1216) | Frames: 79154364 | Display: 15692429 | Failed: 0 | Recon: 0 | Transfer: OK

Host Performance

Frame Timing (only in DIB mode)

CPU load	61 %
FPS from Camera	164.0 fps
Max FPS possible by CPU	412.9 fps
Frame calculation time	2.4 ms
Frame delay time	6.1 ms

Timing Ratio: 0.40

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: 66.6° C (151.8° F) Close

Device info: [US] BGRx8 (1920 x 1200) | Frames: 80443620 | Display: 15690935 | Failed: 0 | Recon: 0 | Transfer: OK

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上午 08:50 2017/8/10