

JARGY CO., LTD.

Test Report

Model :CBL-PD302MBSWB-5m

Ver : 1.0

Date : 2017/8/15

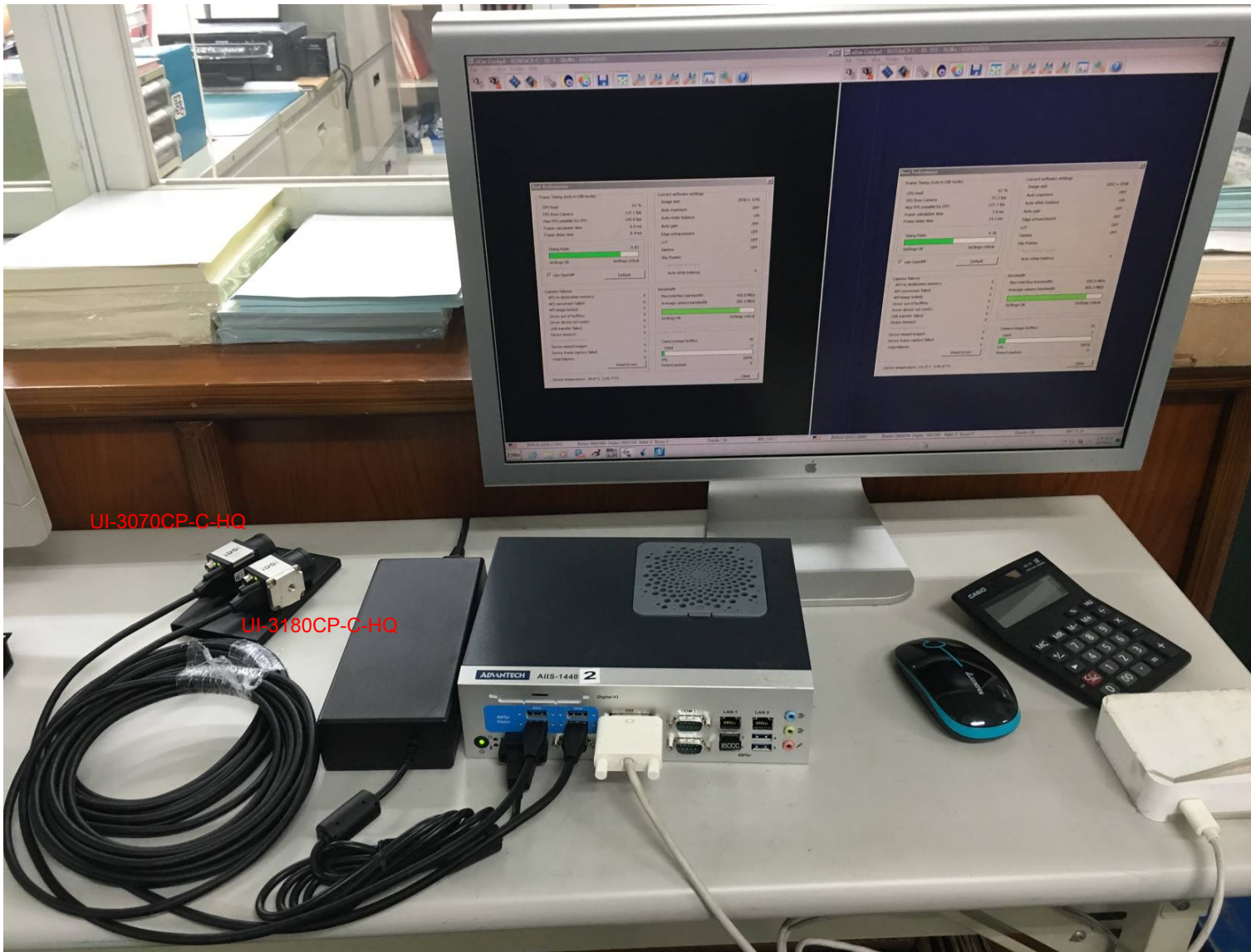
Camera Brand Name : **IDS**

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-3070CP-C-HQ** (2056 x 1542, 3.1MP, 134fps, 425MB/s) + **UI-3180CP-C-HQ**(2592 x 2048, 5.3MP, 72fps, 364MB/s)

Tested time :**95h**



UI-3070CP-C-HQ

UI-3180CP-C-HQ

uEye Cockpit UI307sCP-C ID: 1 - SerNo.: 4103092425

UI-3070CP-C-HQ

Host Performance

Frame Timing (only in DIB mode)

CPU load	65 %
FPS from Camera	119.1 fps
Max FPS possible by CPU	142.3 fps
Frame calculation time	7.0 ms
Frame delay time	8.4 ms

Timing Ratio: 0.84

Settings OK Settings critical

Use OpenMP Default

Current software settings

Image size	2056 x 1542
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	360.2 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	42
Used	2

0% 100%

Resent packets: 0

Device temperature: 59.3° C (138.8° F) Close

Taskbar: [BGR]A8 (2056 x 1542) | Frames: 40853611 Display: 10958959 Failed: 0 Recon: 0 | Transfer: OK | FPS: 119.13

uEye Cockpit UI318sCP-C ID: 255 - SerNo.: 4103025231

UI-3180CP-C-HQ

Host Performance

Frame Timing (only in DIB mode)

CPU load	61 %
FPS from Camera	71.2 fps
Max FPS possible by CPU	118.1 fps
Frame calculation time	8.5 ms
Frame delay time	14.1 ms

Timing Ratio: 0.60

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	360.3 MB/s

Settings OK Settings critical

Camera buffer info

Camera image buffers	25
Used	2

0% 100%

Resent packets: 0

Device temperature: 65.1° C (149.2° F) Close

Taskbar: [BGR]A8 (2592 x 2048) | Frames: 24430205 Display: 10817183 Failed: 0 Recon: 0 | Transfer: OK | FPS: 71.24