

JARGY CO., LTD.

Test Report

Model :[CBL-D302MBSWB-15m](#)

Ver : 1.0

Date : 2017/11/9

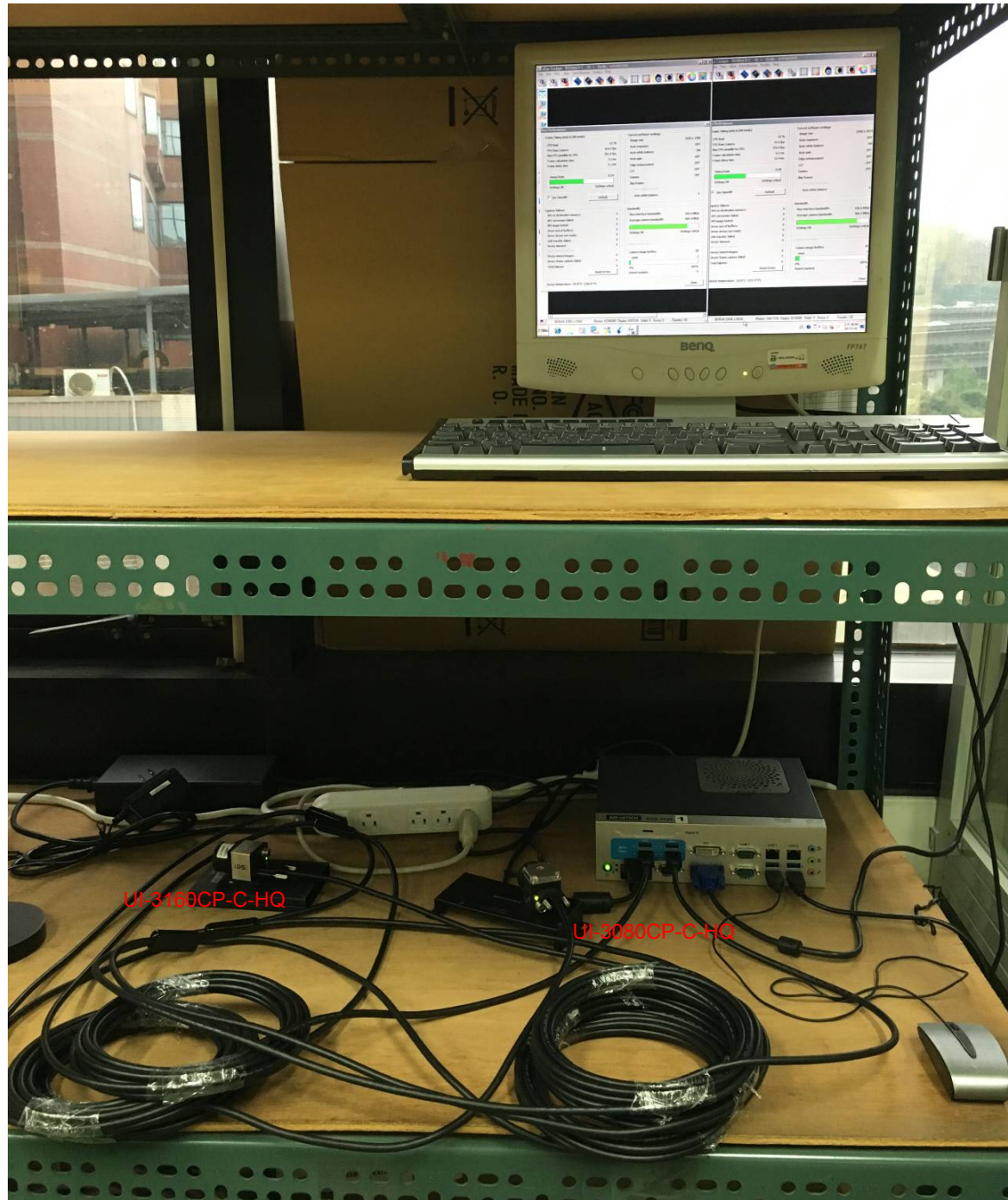
Camera Brand Name : [IDS](#)

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-3080CP-C-HQ](#) (2456 x 2054, 5MP, 77fps, 370MB/s) + [UI-3160CP-C-HQ](#)(1920 x 1200, 2.3MP, 165fps, 362MB/s)

Tested time :[72h](#)



UI-3160CP-C-HQ

UI-3098CP-C-HQ

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

File Edit View uEye Draw/Measure Profiles Help

UI-3160CP-C-HQ

Host Performance

Frame Timing (only in DIB mode)

CPU load	64 %
FPS from Camera	164.0 fps
Max FPS possible by CPU	302.7 fps
Frame calculation time	3.3 ms
Frame delay time	6.1 ms

Timing Ratio: 0.54

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: 65.9° C (150.6° F)

Close

BGRA8 (1920 x 1200) Frames: 42587015 Display: 8307420 Failed: 0 Recon: 0 Transfer: OK

uEye Cockpit - UI308xCP-C ID: 1 - SerNo.: 4103007978

File Edit View uEye Draw/Measure Profiles Help

UI-3080CP-C-HQ

Host Performance

Frame Timing (only in DIB mode)

CPU load	60 %
FPS from Camera	74.9 fps
Max FPS possible by CPU	152.3 fps
Frame calculation time	6.6 ms
Frame delay time	13.4 ms

Timing Ratio: 0.49

Settings OK Settings critical

Use OpenMP Default

Current software settings

Image size	2456 x 2054
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	26
Used	2
0%	100%
Resent packets	0

Device temperature: 53.0° C (127.4° F)

Close

BGRA8 (2456 x 2054) Frames: 19417760 Display: 8155119 Failed: 0 Recon: 0 Transfer: OK