

DxO ISP2013 FVTS Vectors Description

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Revision History

Revision	Date	Comments
V1.0	Oct 13, 2013	First version for DxO ISP2013

Table 1: Document Revision History

1 REFERENCE DOCUMENTS

Ref[1] DxO_ISP2013-fvtsUserGuide

2 VECTORS DESCRIPTION

This document aims to describe briefly the sets of test vectors that are provided through the FVTS delivery for integration and verification stage at chip vendor's site.

Test vector name	Description
preview_1	Check output display in YUV422, with 4 consecutive frames. Input: 640x480 Output:640x480
preview_2	Check output display in YUV422, with 4 consecutive frames. Input: 4208x3120 Output: 640x480
preview_3	Check output display in YUV422, with 4 consecutive frames. Input: 4208x3120 Output: 1920x1080
video_1	Check output display and video in YUV422, with 4 consecutive frames. Input: 640x480 Outputs:640x480
video_2	Check output display and video in YUV422, with 4 consecutive frames. Input: 4208x3120 Outputs:2400x1360
video_3	Check output display, video and face detection in YUV422, with 4 consecutive frames. Input: 640x480 Outputs: 640x480
video_4	Check output display, video and face detection in YUV422, with 4 consecutive frames. Input: 4208x3120 Output display and video : 2400x1360 Output face detection: 1280x720
video_5	Check all outputs in YUV422, with 4 consecutive frames. Input: 640x480 Outputs: 640x480
video_6	Check all outputs in YUV422, with 4 consecutive frames. Input: 4208x3120 Output display and video: 2400x1360 Output face detection: 1280x720 Output capture: 4208x3120
video_7	Check all outputs in YUV422, modifying image size for each frames Input: 640x480, 1280x720, 2560x1440, 4208x3120 Output display and video: 800x600, 1600x900, 1920x1080, 2400x1360 Output face detection: 800x600, 1280x720, 1280x720, 1280x720

	Output capture: 800x600, 1280x720, 1280x720, 4208x3120
preview_tnr_1	Check output display in YUV422, using temporal noise reduction feature, with 4 consecutive frames. Input: 640x480 Output: 640x480
preview_tnr_2	Check all outputs in YUV422, using temporal noise reduction feature, with 4 consecutive frames. Input: 4208x3120 Output display and video: 2400x1360 Output face detection: 1280x720 Output capture: 4208x3120
capture_1	Check output display and capture in YUV422, with 4 consecutive frames. Input: 4208x3120 Output display: 1920x1080 Output capture: 4208x3120
capture_raw_1	Check output display in YUV422 and RAW capture feature, with 4 consecutive frames. Input: 4208x3120 Output display: 1920x1080 Output RAW: 4208x3120