

Test 3 REPEATED. Close isadora and open quicktimeX go to new movie recording and select the magewel capture device and capture at 1080p50 and report what you see on activity monitor for ram and CPU and what you see visually

Test 3 results. Sorry, my fault, I didn't find the 1080p setting before, but now that's set on. Now I've set 1080p50 in Magewel USB Capture Utility, and QuickTimeX records 1080p50.

What I see (on the screen):

(1)

When just streaming, everything well. No stutter/dropped frames!

Activity Monitor (active processes):

CPU: kernel task 44%, VDCAssistant 41%, QuickTime Player 7,5%...

Memory Used around 5GB of total installed 64GB

(2)

When recording, plays well. No stutter/dropped frames!

Activity Monitor (active processes):

CPU: VTEncoderXPService about 262%, VDCAssistant 45%, kernel task 40%, QuickTime Player 13,3%. Memory Used around 5GB of total installed 64GB

EXTRA TESTS with Blackmagic UltraStudio Mini Recorders

Test 10 (extra): like the [Test 5](#), but with Blackmagic UltraStudio Mini Recorders

Two Blackmagic UltraStudio Mini Recorders (ThunderBolt2) hooked to the same two Sony a6300 cameras. Sony cameras set to 1080i50

Isadora Preferences: [target frame rate 25fps](#), General Service: 15x per frame

Isadora LiveCapture set to:

Driver: Blackmagic

Input: 1080p25 (Blackmagic Desktop Video Setup shows 1080PsF25)

Resolution: Native

What I see: It's hard to judge about the stutter, because 25fps looks like stutter in 50fps. But there was occasionally clear stutter (dropped frames) that could last for a couple of minutes. The clear stutter did not necessarily occur when the Isadora cycles were below 300, but mostly when the cycles were 340-350 – it might have been that the clear stutter happened after a while the cycles went up again (after being below 300). (In addition there was occasional dropped frames outside the period of long lasting stutter.)

Isadora:

Cycles around 315-350, until about several minutes starts to drop to not lower than 260

Fps stays quite well on 25, occasionally 24.7-25.1 when cycles down

Activity Monitor: CPU: Isadora 24,5-25,5%, Activity Monitor itself 1,7%, the rest 0,2 or less

Memory Used: around 5GB out of total 64GB

GPU History: one GPU around 8% (constant), the other GPU "passive"

Test 10 (extra2): like the **Test 10 (extra)**, but Isadora target frame rate 50fps

What I see: Again it's hard to judge about the stutter, because 25fps looks like stutter in 50fps – Live Capture still 25fps even the Target Frame Rate 50. But there was occasionally clear stutter (dropped frames) that could last for a short while. The clear stutter occurred when the Isadora cycles were starting to sink and when cycles down and the cycles back high again.

Isadora:

Cycles around 620-690, until about several minutes starts to drop to not lower than 190
Fps stays quite well on 50, occasionally 49.9-50.1 when cycles down

Activity Monitor: CPU: Isadora 28-29% but went to 24,5-25,5 when cycles lower, Activity Monitor itself 1,7%, the rest 0,2 or less

Memory Used: around 5GB out of total 64GB

GPU History: one GPU around 12% (constant), the other GPU “passive”

So, with my logics, the issue does not seem to be due to Magewell