
From: Graham Townsend
Sent: Saturday, March 7, 2015 8:06 PM PST
To: Noy Cohen
Subject: Re: Sample videos

Noy,

Thanks for this. We'll have a close look at the transition and get back to you. We're having a fierce internal debate regarding what is permissible over the transition period for an Apple product.

Regards

Graham

On Mar 4, 2015, at 9:40 AM, Noy Cohen <ncohen@corephotonics.com> wrote:

Hi Graham,

I hope you're doing well. It was great meeting you at the lightfield conference at Stanford, more than a couple of weeks ago.

Following our discussion then about the transition between the wide and tele cameras, I'm including a link below to several videos we captured with our zoom camera (integrated in a handset) and reference cameras. There are several outdoor scenes, including challenging cases. Although there is still some instability in the exposure settings, in most cases the transition is smooth and only parallax shift is visible, in objects that out not on the plane of focus. It's not 100% perfect yet, but we are continuing to improve the ISP and warping settings to make it even smoother.

Note: the zoom camera module here is different than the one we gave you – it has a 13Mpix 1/3" sensor for the wide and an 8Mpix 1/4" sensor for the tele. In this module, the tele focal length is shorter than that of the tele lens in the 13+13 module, so the effective zoom range is reduced. However, the module is only 6mm in height. Also, note that digital video stabilization is currently disabled in our camera (we plan to enable it in the next several weeks).

I hope you find these comparisons useful. And please let me know if there's anything else I can do to assist in the our technology evaluation process.

Best regards,
Noy

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