

## Re: Streaming on USB 2.0 bulk camera device

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*Source:*

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2006-06/msg00744.html>

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  - *Date:* Sun, 18 Jun 2006 04:02:56 GMT
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Yes, 1394 is a better choice. For short term solution, it is not a viable option for me. Due to hardware limitation, I can only use one IN data endpoint. Is there anyone that can tell me how I can queue multiple IRPs to lower driver for bulk transfer so as not to intermit data stream from camera onto USB bus. Thanks.

Victor

"r\_konjeti@xxxxxxxxxxxx" wrote:

I am not expert in USB, but I have an idea for your bulk. Is it not possible to send one Irp per bulk end point. If so, why not have two bulk endpoints and alternately transfer data on two bulk OUT endpoints from camera.

As Maxim suggested 1394 is best approach if you are thinking on future expansion also. 1394b can provide 800Mbps, but Microsoft drivers support only upto 1394a speeds. This will be big project with big change if you want to write your own Windows 1394 driver.