

DSLR FILM NOOB Podcast #82 Show notes:



Free two day summit from 10 working directors going on live March 1st and 2nd

Find out more here: dslrfilmnoob.com/cinesummit





New Canon EOS-1D X Mark II

Features:

- **Dual Pixel CMOS AF & Movie Servo AF** for high speed, high frame rate and continuous autofocus during video shooting.
- **ISO 409,600** highest expansion
- **Dual DIGIC 6+ Processors**
- **4k Video** (4096 x 2160 DCI format – to get UHD you'll have to crop) up to 60p (note NO c-log options) – Video options 23.98p, 29.97p, 59.94p in both 1080 and 4k
- **120fps** video in HD
- **Video Codecs** – Motion JPEG and .mov in ALL-I and IPB (in mp4, it is IPB Lite)
- up to 14fps full-res RAW or JPEG (with full AF and AE) and up to 16fps (locked AF and AE) in Live View Mode (mirror locked up)
- capture up to 170 RAW images in one burst at up to 16fps with the CFast card slot (71ish with the normal CF slot)
- **20.2mp** Full-frame CMOS sensor
- Improved AF with 61-point HD Reticular AF II system with 41 cross-type point.
- Accurate subject tracking for stills and video with new EOS Intelligent Tracking and Recognition AF with 360,000 pixel metering sensor
- 8.8mp still frame grab while shooting 4k video
- Built in GPS
- 2 card slots – one CF and one CFast
- Can see electronic level in viewfinder plus flicker detection (which I'm not familiar with)
- LCD is touch sensitive – and they said pros didn't like touch LCDs! WTG Canon

- can change focus with touch in video
- Uncompressed HDMI out
- In camera optical correction functions for lenses
- PRICE: \$5,999 US
- New Battery with 10% more juice Canon LP-E19 Battery Pack – but you can still use Canon EOS-1D X batteries as well.
- Headphone Jack

Missing:

- wifi – need external device to handle wifi
- c-log codec for video
- RAW or DNG video
- LCD isn't a flippy-dippy screen (articulating) – didn't really expect it thow

[The Good, Bad, and Ugly of the new Canon EOS-1D X Mark II for Filmmakers!](#)

1. HDMI out is only HD not 4k
2. Nice updates in Dual-Pixel AF functionality
3. 1.3 crop factor for 4k video
4. no zebras, etc
5. touch screen only for focussing - no menus!

-Deejay's gripe, Motion Jpeg?! Really? The 1dc suffered from banding issues and it's a funky format that doesn't work well with all NLE. Also expect very large file sizes, figure ruffly 16 min for a 64Gb card. Also you might be better off transcoding to DNxHD or Prores.

Less expensive than the [Nikon D5](#) \$6500 v.s. \$6000 [Here's a nice comparison of the current know specs.](#)

Nikon is limited to 30fps and UHD (3840x2160) at a crop of 1.3x , while Canon is offering full DCI 4k (4096x2160) and a 1.4x crop



[Sony A6300](#) 4k Video and World's Fastest Autofocus for \$1k!

Significant Features:

- 4k Video internal
- 24.2mp APS-C sensor
- 11fps stills!
- 0.05 second autofocus speed
- 425 phase detection AF points (no, 425 is not a typo)
- ISO 100-51,200
- E-mount – can use A-mount lenses with adapter
- 4k internal recording in Super35 – they're taking 20mp of the sensor, recording 6k video and oversampling it to 4k
- 14 stops of Dynamic Range (DR)
- 4k up to 100Mbps bit rate without pixel binning (50Mbps in HD)
- up to 120fps video in HD also at 100Mbps
- S-Log3
- Electronic ViewFinder (EVF) purported to be 'near DSLR' performance
- Zebras, gamma assist options in video (Canon why isn't stuff like this on the Canon EOS-1D X Mark II?)
- AF in video purportedly 2x faster than their previous units – probably not as fast as Dual-Pixel AF on Canon units? (tho the demo below is pretty impressive if they're actually using their own AF in video)

Price on this guy is looking very good. At just shy of \$1000, 4k at a 1.5 ish crop (s35) factor is pretty sexy and of course you can combine this with a [Metabones speedbooster](#) to get all of your Canon glass into close to full frame video. (supports S-log2 and S-log3)

Low light performance of the 24mp sensor seems to be about the same as the [a6000](#),



New [G-master line of Full frame Sony E-mount lenses](#). Finally Sony's giving us a 24-70mm f2.8 and 70-200mm f2.8 with built in IS in the latter. G-master sounds a little like a porn title. As will most of sony's offerings, expect to open your wallet for these new lenses. The 24-70 is expected to retail at \$2200 US.

Questions:

T2i screen goes dark when I plug in ur DIY USB headphone monitor hack. Lights up when unplugged. Thoughts? - turn on audio out for headphones in ML

I'm looking for some suggestions on the best process for clients to make notes on footage. Right now I'm using YouTube - Frame.io

Timings:

Canon EOS-1D X Mark II - 1:25

Sony A6300 - 26:00

Sony Lenses - 46:10

questions - 53:10