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Subject: cinedeck
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To: Nancy Jacobsen-Stout jana@mbari.org



Nancy,
John from cinedeck will be getting us additional info, but here are some basic details:

Two models would fit our needs, the RX and ZX.

John recommended the **ZX 40 model at \$32,000**

This unit can record 4 channels of video (4 decks) into two streams (prores and h264)
Does not include storage or a monitor and is Windows based.

The RX model is \$15,000 (base)

This is portable, with a touch screen monitor, also Windows based, can record 2 channels of video (2 decks) into two streams (prores and h264)
approx. 8TB internal storage.

Both can record to Windows compatible external devices. There is no file error reporting but there is a system monitor that gives error flags upon ingest which can be handled in an automated way, for example stop recording on TC break. There is an API which may allow for some automation of file naming, i.e., reading dive info from a DB or something. Files can be broken into user selectable chunks.

So, if we wanted two people operating 8 decks each at once (16 total), we would need four ZX40's plus monitors and RAID's.

4 x ZX40 = \$128,000

8 RAID's plus PCIe cards = ~\$6000 each = \$48,000

4 monitors = \$1600

\$177,600 for base entry level equipment with likely additional costs for programming the API and/or redundant or different storage options.

LL

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