

# cinedeck EX



Avid DNxHD

CineForm

ProRes

UNCOMPRESSED 422

UNCOMPRESSED 444

## CINEDECK EX

The world's first and most versatile, cinema-grade, camera-mountable monitoring, recording, and playback device—at the same size and weight as a standard 7" on-camera focus monitor.

### MONITOR:

Monitor video realtime with the high resolution 7" display while using an array of onscreen image analysis tools such as edge focus, clipping, waveform, vectorscope and histogram to seize perfect control of your recording. Monitor audio via the headphone jack and toggle between audio inputs while simultaneously viewing the on-screen recording level display.

### RECORD:

Capture natively in all leading formats: Records all Apple ProRes formats including 4444, all Avid DNxHD formats, CineForm Digital Intermediate, and uncompressed 444 (10-bit) or 422 (8 or 10-bit). Harness the unparalleled flexibility of the widest range of ready-to-edit formats available on a single device.

### PLAYBACK:

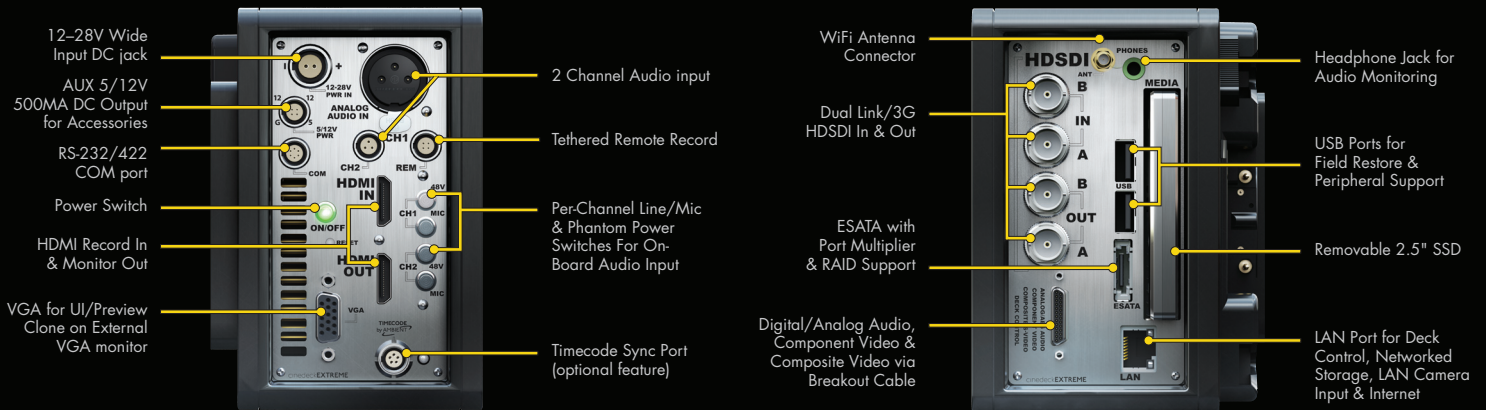
Review your shots instantly in any order via VTR-style controls on the intuitive 7" touchscreen user interface, and in realtime on a connected monitor. Utilize image analysis tools on playback to ensure your image is master quality.

## DESIGNED TO SAVE TIME AND MONEY

Cinedeck EX offers unsurpassed codec choice, flexible connectivity, and incredible production versatility presented in a simple and elegant user interface.

- **It's indispensable.** It's a focus monitor, recording deck and preview/playback monitor in one ruggedly compact package. It even captures stereoscopic 3D (optional) via HDSi or HDMI.
- **It's under control.** Manage files either by touchscreen or via remote TCP/IP record/playback Cinedeck Controller application. A single user interface can control up to 12 Cinedeck EX systems.
- **It's practical and cost effective.** Removable 2.5" SSD disks provide faster file transfers at a fraction of the cost of P2 or SxS media.
- **It's massively compatible.** Footage is immediately ready for editing in Apple Final Cut Pro, Avid Media Composer, Adobe Premiere Pro, Sony Vegas, and GV Edius. Time consuming and costly ingest and transcoding has been eliminated. Simply eject the SSD and place it in the included upload dock for a rapid file copy to Mac or PC.
- **It's designed for the rigors of field production.** Cinedeck EX is made of rugged milled aluminum- built for the road. It weighs under 4 pounds and can fit in a shoebox, but we've included a Pelican case with all the accessories.
- **It's upgradeable.** Stereoscopic 3D capabilities, additional codecs—all via a simple software upgrade.

## CINEDECK EX I/O



## CINEDECK EX SPECIFICATIONS

### SIZE and FEATURES

- 5" h x 8" w x 3.5" d (12.7cm x 20.3cm x 8.9cm); 4lbs (1.8kgs)
- Rugged anodized aluminum enclosure and solid-state construction for extreme durability
- Choice of Anton Bauer or Gold V-Mount battery mounts
- Built-in wide input DC power: 12-28V via wall adapter or industry standard battery

### MONITORING

- Simultaneous pass thru of incoming signal for on-set/EVF monitoring
- Realtime HD to SD downconvert for on-set monitoring
- Realtime SD to HD upconvert
- VGA display clone for secondary display with interface
- Stereo headphone jack for audio monitoring

### RECORDING

- Records all Apple ProRes formats including 4444, all Avid DNxHD formats (MXF or .MOV), CineForm and uncompressed 444 (10-bit) HD or uncompressed 4:2:2 (8 or 10-bit) HD (.MOV) onto 2.5" SSD disk

### SUPPORTED RESOLUTION AND FRAME RATES

- HD
  - 1080 50/60i
  - 1080 23.98/24/25/29.97/30 P/PSF
  - 1080 50/59.94/60 P/PSF (CineForm Only)
  - 720 P 50/59.95/60
- SD—PAL/NTSC
- SI-2K Uncompressed 12-bit RAW 2K (via SI-2K Option)

### SUPPORTED CODECS

- Apple ProRes: 4444, 422 (HQ), 422, 422(LT), 422 (Proxy)
- Avid DNxHD: 175/185/220x, 175/185/220, 115/120/145, 36/45 recording MXF OP.Atom or .MOV
- CineForm: Filmscan1, Filmscan2, Keying, High, Medium, Low
- CineForm Neo (via Stereoscopic Option for 3D)
- Uncompressed 444 (10-bit) or 422 (8 or 10-bit) recording .MOV

### DISPLAY

- Large 7" high-res (1024x600) touchscreen display for realtime preview, focus, and review. 250 NITS brightness standard (1000 NITS Hi-Brite option available and recommended for direct sunlight environments)
- Realtime composite and per-channel waveform, vectorscope and histogram for accurate quality control; available in overlay or full screen mode
- On-screen reticle overlays: grids, crosshairs, safe frames, metadata, and letterboxing (opaque mask mode available)
- Intuitive gestural touchscreen interface designed for field recording... most commonly used controls are also accessible via physical buttons on the front panel; most overlay functions available during record

### OTHER FEATURES

- Realtime upconvert/downconvert/crossconvert between more than a dozen resolution/frame rate combinations
- Battery meter; disk capacity warning tally for peace of mind
- SDI Link or internally generated timecode support on ingest with on-screen timecode display and programmable offset/start values
- EXSync timecode module for jmsync to external clock source (HW option)
- Garmin GPS data support
- Long distance remote operation via ethernet or WiFi
- Battery life: up to 1.5 hours continuous recording time on a single 1.5 Li-ion battery, up to 5 hours with stacked IDX Endura Elite or equivalent
- 16 1/4" and 3/8" threaded mounting points top and bottom for flexibility

### WILL IT WORK WITH MY CAMERA?

Cinedeck EX supports cameras that output via HD-SDI, HDMI, or LAN, including S-Log capable cameras such as the Sony PMW-F3.

Analog support is also available via breakout cable. Support for the SI-2K Mini is available via the SI-2K Option.

(Please visit [www.cinedeck.com](http://www.cinedeck.com) for a list of tested cameras)