

cinedeck

EXTREMELY CAPABLE RECORDERS

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RECORD:

Capture natively to the world's most popular formats, eliminating time-consuming and costly ingest and transcoding.



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. Additionally, a variety 3D analysis tools like anaglyph, difference, flip flop, still overlay (continuity), and grids support your stereoscopic 3D production. The intuitive touchscreen UI eliminates confusion and training time.

Monitor audio via the headphone jack and toggle between audio inputs while simultaneously viewing the on-screen recording level display.

PLAYBACK:

Review your shots instantly in any order via full-featured VTR-style controls on the intuitive touchscreen user interface and in realtime on a connected display monitor. Utilize image analysis tools on playback to ensure your image is master quality. Perform realtime upconvert/downconvert/crossconvert between more than a dozen resolution frames combinations, including SD.

Cinedeck provides the shortest and most cost-effective route between production and post.

The Cinedeck family of award-winning, solid-state recording, monitoring and playback systems, delivers tapeless workflow to studios, post-production facilities and broadcasters covering the wide range of cinema production, sporting, and entertainment events in both 2D and 3D stereoscopic formats.

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The world's most versatile multi-format, recording, monitoring, and playback system offers unsurpassed codec choice, flexible connectivity, and incredible versatility presented in a simple and elegant interface.

cinedeck **MX**



cinedeck **RX** CINE/444



cinedeck **RX** BROADCAST



cinedeck **EX**



Included: ● Option: ■ Limited: * (see end note)		EX	RX CINE/444	RX BROADCAST	MX
Physical Attributes	Dimensions (H x W x D)	5" x 8" x 3.5"	7" x 8.5" x 9"	7" x 8.5" x 9"	7" x 17.5" x 22"
		4 lbs	10 lbs	10 lbs	25 lbs
		camera-mountable	4RU half-rack	4RU half-rack	4RU full-rack
	7" Touchscreen - 250 NITS	●	-	-	-
	7" Touchscreen - 800 NITS	■	●	●	●
	Built-in Jog/Shuttle & deck control	-	-	-	●
	Redundant Power Supply	-	●	●	●
Codec Support	Camera mountable (choice of Anton Bauer or V-Gold mount)	●	-	-	-
	Rackmountable	-	●	●	●
	Apple ProRes (Proxy, LT, Normal, HQ)	●	●	●	●
	Apple ProRes 4444	●	●	-	●
	Avid DNxHD (Op Atom MXF or MOV Wrapped)	●	●	●	●
	Avid DNx444 (Op Atom MXF or MOV Wrapped)	-	●	-	●
	Avid Meriden JFIF (Op Atom MXF)	●	●	●	●
	CineForm FilmScan1, FilmScan2, Keying High, Medium, Low	●	●	●	●
	Uncompressed 422 (8 and 10-bit)	●	●	●	●
	Uncompressed 444 (MOV, Cineform, Op Atom MXF)	●	●	-	●
	AVC-I 100/50 (Op Atom MXF)	●*	●	●	●
	DVCPRO-HD	TBD	●	●	●
	XDCAM HD 50 / XDCAM EX 35 (Op 1-A, Op Atom MXF, MP4)	●	●	●	●
	H.264 (AAC Audio and MP4 wrapped)	●	●	●	●
	DPX	●*	●	●	●
Signal I/O	Single-Link HDS DI Inputs	1	1	2	2
	Single-Link HDS DI Outputs	2	2	4	8
	Dual-Link (1.5G) HDS DI Inputs	1	1	-	1
	Dual-Link (1.5G) HDS DI Outputs	1	1	-	1
	3G HDS DI inputs	1	1	-	2
	3G HDS DI outputs	1	1	-	8
	Full Duplex Video I/O	-	-	●	●
	Character overlay (*2nd out only)	-	-	●*	●
	High Framrate, 50/60P	yes*	yes	-	yes
	4:2:2 3D support	yes*	yes	yes	yes
	4:4:4 3D support	-	-	-	yes
	50/60P 3D support	-	-	-	yes
	HDMI v.1.4	1 in, 1 out	1 in, 1 out	no	no
	Dual GigE LAN	-	●	●	●
	Analog Composite	●	●	-	-
Component	●	●	-	-	
AES Audio	2	2	-	32	
Embedded SDI Audio	16	16	8 per Video Ch.	16 per Video Ch.	
Balanced 2 CH Audio in/out	●	●	4 out	4 out	
Per channel line mic preamp	●	●	-	-	
Analog Color Black or Tri-Level Sync	●	●	●	●	

Included: ● Option: ■ Limited: * (see end note)		EX	RX CINE/444	RX BROADCAST	MX	
Inter-connectivity	Removable 2.5" SSD Drives	1	4	4	8	
	SxS Slot	.*	-	-	2	
	P2 Slot	-	-	-	2	
	CF Slot	-	-	-	2	
	VGA	●	-	●	1	
	DVI	-	●	-	1	
	HDMI	●	●	1	1	
	USB2	2	3	5	6	
	USB3	-	-	-	6	
	eSATA	1	2	2	4	
	Gig E LAN	1	2	2	2	
	10 Gig E LAN	-	-	-	■	
	WiFi	●	-	-	●	
	Headphone jack (for monitoring)	●	●	●	●	
	LTC Timecode	■	●	●	●	
	Master Clock (jam and act as master clock)	-	●	●	●	
	Image Analysis Tools	WaveForm	●	●	●	●
		Vectorscope	●	●	●	●
Histogram		●	●	●	●	
Focus tools		●	●	●	●	
Clipping		●	●	●	●	
Resolutions		HD - 1080i, 1080p, 1080PsF, 720p	●	●	●	●
	HD - 2K, 4K	-	-	-	●	
	SD - PAL/NTSC, 480	●	●	●	●	
	SI-2K Uncompressed	■	■	■	■	
	Realtime Upconvert SD to HD	●	●	●	●	
	Realtime Downconvert HD to SD	●	●	●	●	
Recording Capabilities	Realtime Crossconvert	●	●	●	●	
	Mix & Match Encode	-	●	●	●	
	Camera inputs	1	2	2	2 or 4	
	Description	2 with Stereoscopic 3D Option	Double dual-stream: 2 channels, 1 codec or 1 channel, 2 codecs	Double dual-stream: 2 channels, 1 codec or 1 channel, 2 codecs	Up to 4 channels, multiple encodes per channel	
	Redundant File Record	-	●	●	●	
	Rollover record	●	●	●	●	
Control	Stereoscopic 3D	■*	●	●	●	
	Remote TCP/IP Deck Control Application	●	●	●	●	
	3rd party USB Jog/shuttle device support	●	●	●	●	
	RS 422	-	●	●	●	

* AVC-I 100/50—50i only
 * DPX—With Cinedeck SSDs
 * Character overlay—2nd out only
 * High Framrate, 50/60P—Cineform only

* 4:2:2 3D support—Cineform only
 * SxS Slot—OEM only
 * Stereoscopic 3D—Limited framerates and quality