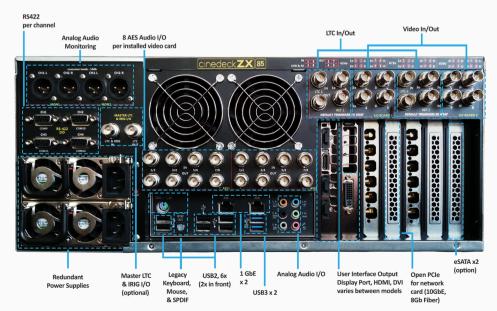# ZX

3G-12G-SRT-NDI- IP2110

Cinedeck deliver unrivaled speed and versatility. Our recorders support a wide variety or codecs, wrappers, formats, and resolutions. Control all the settings with the Cinedeck 2.0 Multi-Channel Control app for Mac and PC. Record your media directly to your networked storage or to a standard 2.5" SSD.

From JPEG2000 archive formats to XAVC, ProRes and DNxHR 4K Multicam, Cinedeck recorders cover a wide range of ever-evolving workflows.

All Cinedeck products support SRT and NDI input sources. Depending on the model and options, 3G/12G and/or IP-2110 inputs are also supported.

Review Encode Capabilities

Back Panel *Shown: 3G Version*

www.cinedeck.com

HARDWARE SPECIFICATIONS

3G version: Bluefish Kronos
6G/12G version: Deltacast 12G-elp-h 4c
12G version: Matrox DLE5L/4/100
OS: Win10 Enterprise
GPU: RTX4000

VIDEO FORMATS

UHDp 23.98, 25, 29.97, 50, 59.94, 60
1080i 25, 29.97, 30
1080PsF 23.98, 24, 25*, 29.97*
1080p 23.98, 24, 25, 29.97
720p 23.98*, 25*, 29.97*, 50, 59.94, 60

CODEC SUPPORT

ProRes, DNxHR, XDCAM, AVC, XAVC, JPEG2000, H.264, H.265

MOV, MXF Op1A, MXF OpAtom, MP4

VIDEO INPUT

3G / 12G SDI, NDI v 5, SRT as caller/receiver
Optional IP-2110

RESOLUTION SUPPORT

4K, UHD
HD [1080i, 1080P/PSF, 720P]
SD [NTSC & PAL – I & P]

USER INTERFACE

PC and Mac application that runs independently of Cinedeck hardware.

Features

GANGED RECORD

Frame accurate record for one or more groups of channels on the same server, or across multiple servers.

MASTER / PROXY RECORD

Record a hi-res and proxy file per channel, then route each file type to a separate storage volume.

For instance, have all your 4K encodes write to a one storage space, and the matching proxies write to another volume.

SEGMENT RECORD

During recording, each time the user specified duration is reached or the manual 'break' button is pressed, the current file is closed and the next segment file begins. Previous segments can be fully-accessed for playing and copying, etc.

VDCP, RS422, RESTFUL API

Supported modes of control include VDCP over IP, AMP, RS422, RS232 and a REST API.

For RS422, all Cinedeck works as both controller and controlled device.

EDIT WHILE CAPTURE

For Premiere:
XDCAM Op1A & ProRes MOV
For Avid: XDCAM & DNxHD/HR with Avid Media Central

LOCAL BACKUP RECORD

Record a redundant file to a local internal SSD independent of network health.
Example:
Primary 4K + Proxy to shared storage
Redundant 4K to SSD

SCHEDULED RECORD

Schedule a single or groups of channels for one time or repeated records.
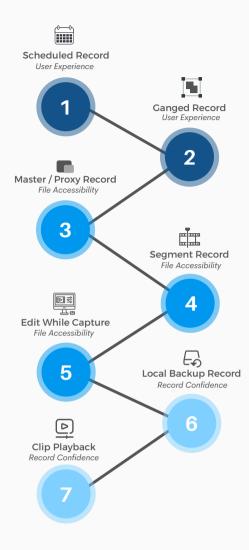
Parameters for record can be set on a per schedule basis. E.g. customize the schedule with presets.

PLAYLISTING AND PLAYBACK

Playback for one or more channels (ganged playback) is available. When a channel recording is stops, play controls become available for playback control.

A simple playlist feature is available on the classic user interface where you can select clips, mark in/out and order the list of clips for playback.

COMBINE FEATURES TO CREATE A WORKFLOW

Scheduled Record
User Experience
1

Ganged Record
User Experience
2

Master / Proxy Record
File Accessibility
3

Segment Record
File Accessibility
4

Edit While Capture
File Accessibility
5

Local Backup Record
Record Confidence
6

Clip Playback
Record Confidence
7

Cinedeck Multi-Source / Multicam Workflow

Multiple Souces

INGEST

1 or more Cinedeck Appliances
cinedeck SERVER
cinedeck SERVER
cinedeck SERVER

Codec Choice & Wrapper
ProRes, DNxHR, XDCAM, AVC, XAVC, JPEG2000, H.264, H.265
MOV-Op1A-OpAtom-MP4

Per Channel
Hi-Res
Proxy

(independent write)

- Matching Timecode
- Synced Audio
- Metadata and custom XMLs

(independent write)

On Prem or Cloud Storage

Edit

- Drag /Drop into NLEs for immediate edit
- Segmented files for asap edit, stream, playout
- Edit While Capture for Adobe Premiere and Avid MC

3G/12G SDI
NDI-SRT
IP-2110

CONTROL + REVIEW

Cinedeck Client on Premise or VNC
CD2 CLIENT

Run multiple, simultaneous instances of the Cinedeck Client both on premise and through VNC with varying degrees of access to control Cinedeck Servers.

Operator   Producer   Editor   Logger   Stakeholder

www.cinedeck.com