

## General Overview

### Realtime UHD (4K) to HD Zoom Extraction

DreamCatcher, the pioneer of UHD (4K) to HD replay, enables Productions to capture the action at high frame rates, zoom into multiple points, and freeze the frame at the critical moments. Using the touch screen operation capability enables replay artists to quickly add multiple keyframes with different zoom scales along the duration of the clip. Working in combination with the I-Movix UHD (4K) camera chain for example, the DreamCatcher can be set to ingest at either continuous 100fps UHD SSM or non-continuous UHD USM of upto 1000fps. The outputs in both modes are HD 1080i 50/60.

Replay artists benefit from an LSM style Remote Control Panel with added familiarity of banks for storing clips and playlists. These then can be exported in UHD raster to standard file formats that seamlessly integrate into existing NLE workstations such as FCP, Media Composer and Adobe Premiere.



## Technical Specifications

• Input/Output	16x HS-SDI DIN (configurable to be input/output)	• Host PC Server	Compact 3U design.
• System Signal Rates	UHD 50/60P 1080i 50/59.94 1080P 25/29.97/50/59.94 720P 50/59.94	• Network	4x 1Gb/s Ethernet 2x 10Gb/s Ethernet
• Reference (Genlock)	1x BNC B/B	• USB Connectivity	2x USB 3.0 4x USB 2.0
• Timecode	LTC input	• PC Monitoring	3x DVI outputs
• Record Format	Native MPEG2-I (MPEG2 TS wrapped)	• File import/export	MPEG2-I (MPEG2-TS wrapped, XDCam50 (MXF wrapped), VC-3, Apple Format for FCP, DVCPPro, AVC Intra, H.264
• Storage	5TB internal		
• Record Time	25 hours at 100Mb/s UHD		

- UHD (4K) REALTIME HD ZOOM EXTRACTION
- TWIN UHD (4K) CAMERA INGEST
- TOUCH SCREEN ZOOM OPERATION
- MULTIPLE KEYFRAMES PER CLIP
- LSM STYLE REMOTE CONTROL PANEL
- CONTINUOUS LIVE AND RECORD
- SSM AND USM CAMERA COMPATIBILITY
- FAST MANIPULATION OF CONTENT
- STANDARD QHD BNC CONNECTIVITY
- EASY INTEGRATION INTO OB WORKFLOW

