

CaptureCast™ – One Sheet & Tech Specs

CaptureCast is a multi-input recording technology that connects educators and learners like never before. Offering, for the very first time, IP based lecture capture and micro broadcasting services that connect any room across campus to anywhere in the world – all with the power of NDI®. CaptureCast captures every moment from every perspective and gives remote learners the chance to interact with content as if they were in the room whether live or on-demand.



Multi-Media Recording

Record up to 6 NDI|HX inputs or 8 NDI inputs concurrently to capture every teaching moment.



Micro-Broadcasting

Stream one or multiple inputs to multiple streaming providers while concurrently live recording.



Power of NDI®

Combining CaptureCast technology and NDI to offer the power and flexibility that only IP networks deliver.



Smart Workflows

Automate complex and time-consuming lecture capture workflows through all video production routines.



Turnkey Integrations

Produce seamless end-to-end workflows with Kaltura, Panopto, Opencast, Vimeo, YouTube and more.



Presentation Extraction

Capture presentation slides and text during a live lecture for video search and enriched playback.



Real-Time Encoding

Record and live stream at rates of up to 1080/60p or deliver best in class video to remote learners.



Flexible Scheduling

Built-in event calendar to automate start and stop time of every lecture for completely hands-off operation.



Centralized Web-Based Control Interface

Web-based access to control and monitor CaptureCast from any device



Command Center

Centralized software that allows you to manage and monitor your entire fleet of devices from one web interface

CaptureCast™ – Technical Specifications

Video Capture Inputs	Up to 6 x NDI HX or 8 x NDI
Supported Video Formats	1920x1080 (HD 1080p) 1280x720 (HD 720p) 854x480 (WVGA)
Audio Capture Inputs	NDI HX or NDI
NIC	1 x 10 Gigabit NIC 1 x 1 Gigabit NIC
Encoding	H.264/AAC
Streaming	RTMP/RTMPS
Resolution & FPS	User selectable up to 1920 x 1080 30/60 frames per second
Bitrate	Constant bitrate configurable from 100 – 20,000 kbit/sec or variable bitrate based
Storage	2 TB Hard Drive
Remote Storage	FTP, SFTP, Dropbox, Google Drive
Management	Web UI or REST API
Operating System	Linux (Ubuntu 22 LTS)
Room Capture	Concurrently capture multiple rooms with multiple inputs (Camera and Screen) per room with a maximum of 6 inputs at one time
System Physical	H 1.88in (4.28cm) x W18.97in (48.2cm) x D22.73in (57.75cm) / 23.19in (58.91cm) with Bezel - Rack Rails Included 27.38lb / 12.42kg
Built-In Video Platform Integrations	Kaltura, Panopto, Opencast, VimeoPro, YouTube

Subject to change without notice.

