

## 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

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

Subject to change without notice.

