

YuJa Hub Technical Specifications



The YuJa Hardware Hub, together with our Enterprise Video Platform, transforms and accelerates learning through your enterprise. Use YuJa for high-definition lecture captures, on-demand recordings, room automation, and live streaming.



Capture and Broadcast

- ✓ Personal Capture
- ✓ Room Automation
- ✓ Conference Capture
- ✓ Event Capture
- ✓ Live Streaming

Transform and Manage

- ✓ Transcode
- ✓ Organize
- ✓ Auto-caption
- ✓ Search
- ✓ Analyze
- ✓ Secure

Share and Watch



LDAP



Blackboard





How YuJa's Lecture Capture Works



Capture

Video captures can be automatically scheduled or activated on-demand instantly



Publish

Multi-stream captures are transcoded and published in adaptive bitrate formats for web, tablet and mobile



Engage

Students can stream lectures in real-time, or watch them later on using their LMS or mobile device



Learn

With automatic voice-to-text captioning, students can search through video captures to find that exact moment to review



Comprehensive Enterprise Video Platform including Integrated Media Management



Organize Content

Real-time multimedia activity streams designed for learning and idea sharing



Make Assignments

Assign videos, readings or other work through YuJa to your class



Search Content

Search tools make it simple for students and instructors to find what they need



Drag-and-Drop

Add files, including videos, PDFs and documents by simply dragging and dropping into your group files or learning channel



Protect your Rights

YuJa allows you to limit access to your files and videos to members of your class or group, protecting your intellectual property rights



LMS Integration

YuJa is fully integrated with your LMS, making it simple to use YuJa to create an active and engaging learning environment for your students

Detailed Specifications

Video Inputs

Video inputs include video cameras, document cameras, electronic whiteboards (smartboards), and computer screens

- + Two capture inputs for any of: VGA, DVI, HDMI, SDI, HD-SDI, Component Video, S-Video, Composite Video
- + Three capture inputs for USB and devices
- + Captures at resolutions from 640x480 to 1920x1080
- + H.264 Hardware encoders at up to 60fps

Audio Inputs

Audio inputs include in-room audio systems, mixer outputs, wireless lapel mics, and USB mics

- + RCA line-level unbalanced audio
- + 3.5mm stereo
- + HDMI embedded audio
- + SDI embedded audio
- + USB 2.0 and 3.0 microphones

Capture Outputs

- + Encoded MPEG-4 media
- + Ability to Connect to In-Room and Remote Confidence Monitors

Webcast Outputs

- + Multi-stream RTMP media stream

Automation

- + Integrates with YuJa cloud-based remote scheduling suite

Memory

- + 8GB 1600MHz DDR3

Storage

- + 256 GB Solid State with 6GB/sec transfer rate

Network Requirements

- + Ethernet LAN - 10/100/1000 Mbit
- + No inbound port access required
- + Device communicates on outbound ports 80, 443, 12347 with additional outbound port selection based on availability.
- + All media and control instructions transferred over HTTPS

Power Supply

- + 500W Power Supply at 40A

Network Requirements

- + HDMI to DVI adapter
- + Audio breakout cable
- + Power cable

Unit Design

- + 2U Rack Mountable Unit