YuJa



YuJa Hardware Hub - RCS-550

Technical Specifications

Powerful Multi-Stream Capture and Live Stream Appliance

The YuJa Hardware Hub (RCS-550) is a plug-and-play 1U rack mountable appliance unit for hardware-based capture and live streaming. The unit seamlessly integrates with the YuJa Enterprise Video Platform and, together, with our Video Platform, transforms and accelerates video learning throughout your enterprise.



01

Capture & Broadcast

- Room Recording
- Conference Recording
- Event Live Streaming
- Scheduled Class Capture

02

Transform & Manage

- Transcode
- Organize
- Auto-caption
- Search
- Analyze

03

Share & Watch

Blackboard · moodle · brightspace · canvas · schoology · Sakai · NEO

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Fully-Automated, End-To-End Capture and Publishing Workflow

01 Track all classroom devices, software, and appliances

02 Remotely schedule, start, and pre-schedule devices

03 Monitor active rooms and remotely manage devices

04 Supports ad-hoc and fully automated scenarios



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The YuJa Hardware Hub is Part of a Complete Enterprise Video Solution

The YuJa Enterprise Video Platform is an all-in-one video solution to securely create, manage, discover, collaborate across any device. The Video Platform also integrates into existing enterprise systems including your LMS, Single-Sign-On, CMS, company intranet, and website.

Upload Any Digital Asset

Ingest, export, and link virtually any document type, image file, audio file, video file, YouTube, or Vimeo video.

Campus Media Library

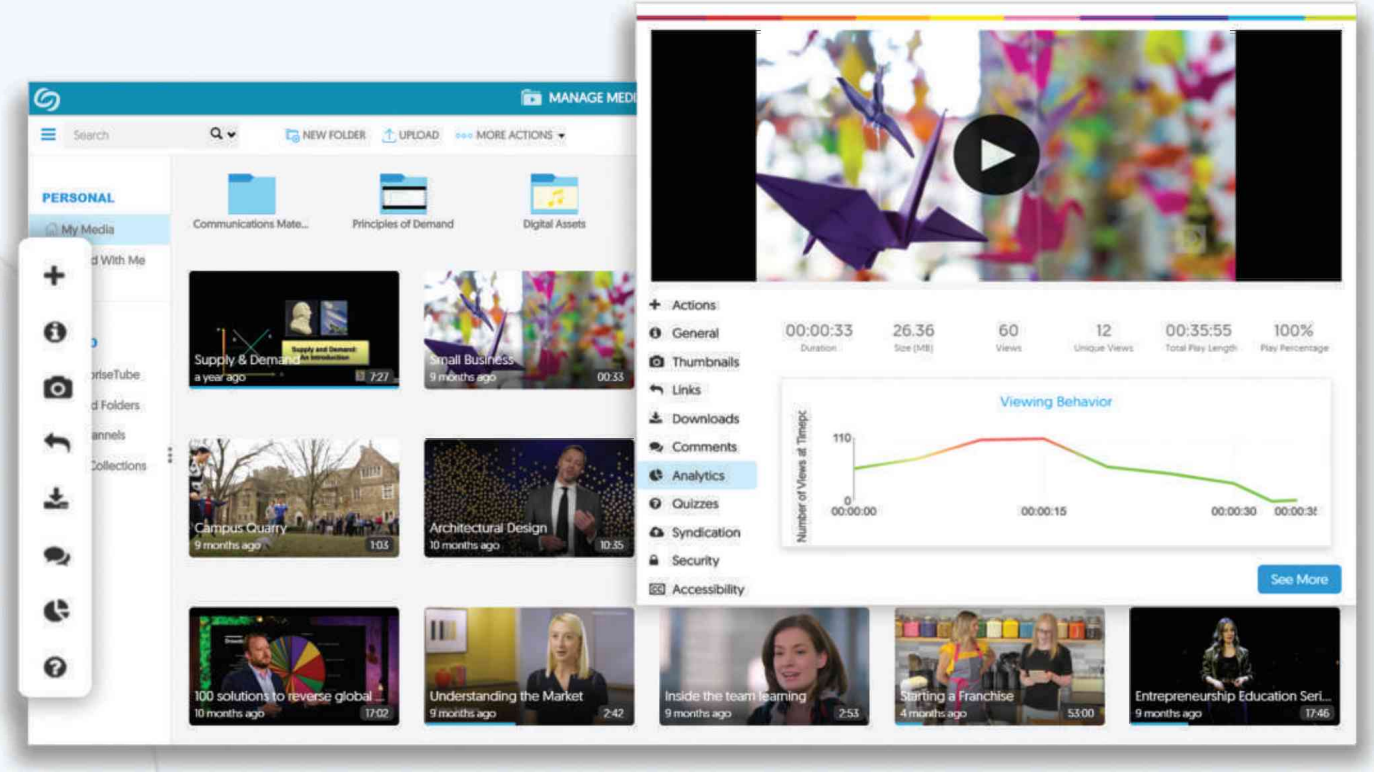
Create a searchable media library across your organization. Store and manage your organization's video library and playlists.

Unified Media Management

Manage all your assets in one centralized location, scaling thousands of assets across multiple users.

Organize and Categorize

Organize all your content into folders, channels, or within any location on any device.



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Detailed Specifications

Video Inputs	+ 2 x HDMI, 1 x SDI, 1 x VGA, 1 x DVI, 4 x USB video
Audio Inputs	+ RCA line-level unbalanced audio, 3.5mm stereo, HDMI and SDI embedded audio, USB 2.0 and 3.0 microphones
Video Encoding	+ **Codecs:** H.264 Hardware encoders at up to 60fps + **Resolution:** User selectable up to 1920x1080
Network Requirements	+ 2 x 10/100/1000 Ethernet ports + Device communicates on outbound ports 80,443,12347 with additional outbound port selection based on availability + All media and control instructions transmitted across secure channels
Output Formats	+ Encoded MPEG-4 media + Stream to in-room monitors + Multi-stream RTMP media stream
Control	+ Browser-based Admin panel + HTTPS and RS-232 APIs
Unit Design	+ 1U rack-mountable unit + 244x68 LCD display + 400W power supply + 250GB fast recording storage
Source Preview	+ Real-time signal monitoring of capture card input signal

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Mechanical Characteristics

1. LCD Panel
A 142mm x 37.5mm LCD screen with a 6-key keypad.

2. Hardware Hub On/OFF Switch
Press and hold the button for 1 second to turn on/off

3. Power Supply
400W Power Supply at 100-240V 6-3A 60-50Hz

4. USB Capture Ports
Connect up to 4 USB2.0 or 3.0 devices including visual, audio, and control devices (i.e. Delcom Indicator Switches)

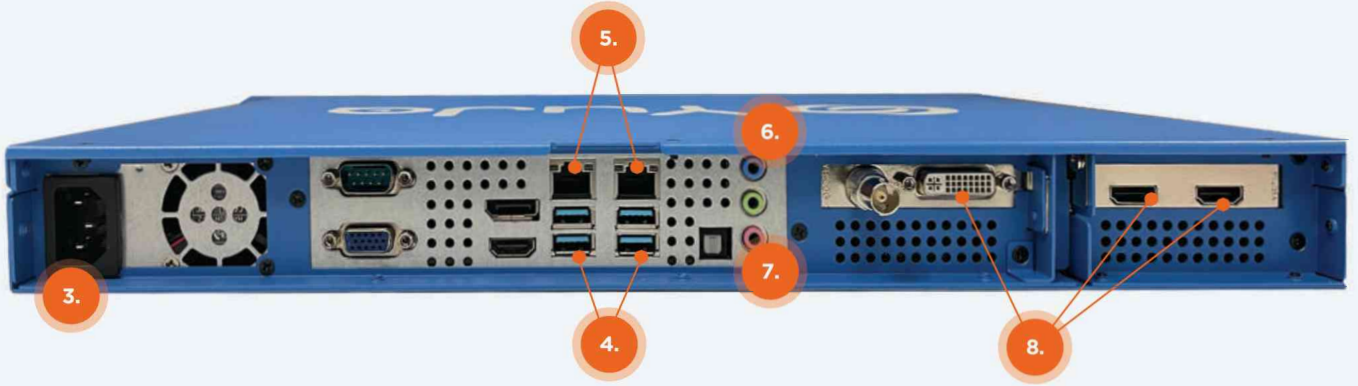
5. 2-Ethernet Ports
Connect one or two Gigabit Ethernet connections for high-throughput capture uploading

6. RCA Line-Level Unbalanced
Connect the external audio device using the supplied breakout cables

7. 3.5mm Line-in, Microphone-in, Line-out
Connect standard microphones or most external audio sources
For balanced audio inputs such as XLR, use a breakout cable with a 3.5mm TRS connection (speak with your YuJa representative for more information)

8. Standard Capture Slot
Connect VGA, DVI, HDMI, SDI, HD-SDI, Component Video, S-Video & Composite Video sources





An integrated enterprise video platform to fit any organization



Contact

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