



# 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



# 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**

Confidence Monitors provide audio and video status monitoring of room recordings



# 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

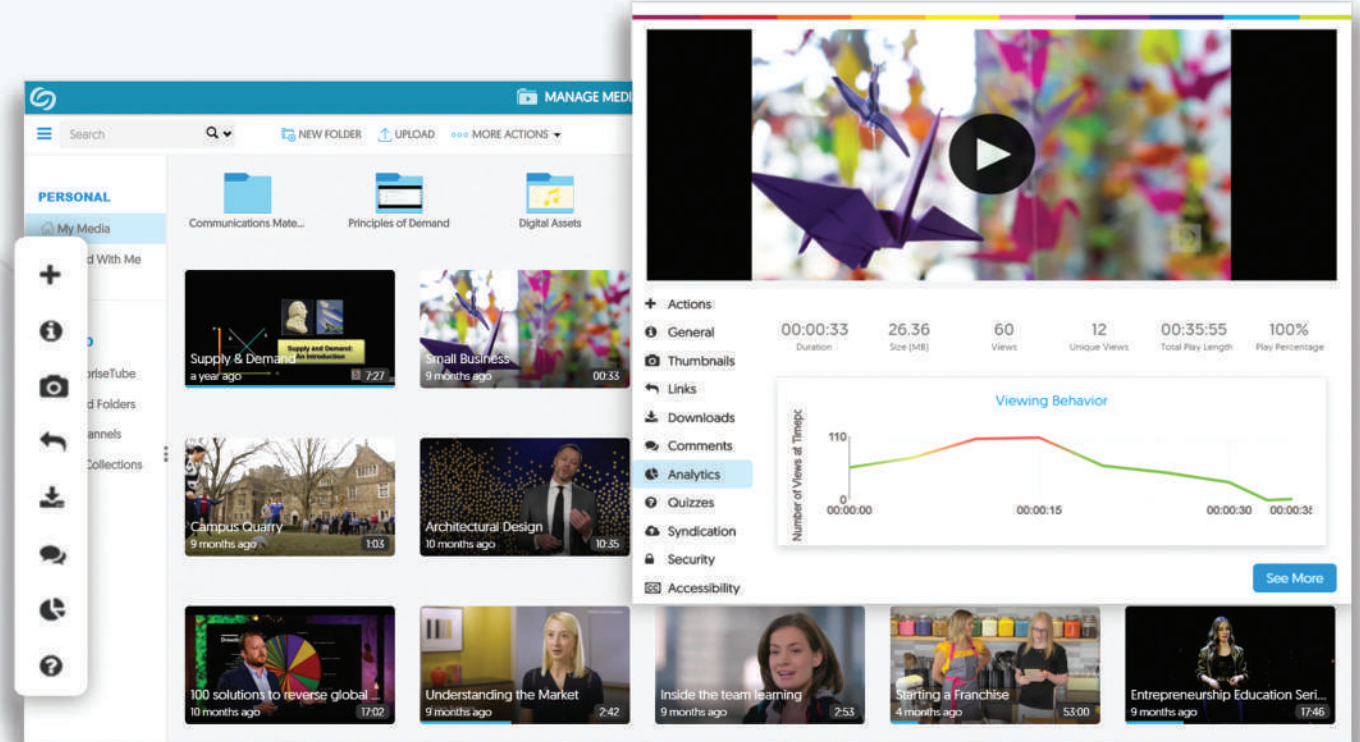
Create a searchable media library across your organization. Store and manage your organization's video library and playlists.

## 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.



The screenshot displays the YuJa Enterprise Video Platform interface. On the left, a sidebar shows navigation options like 'PERSONAL' and 'My Media'. The main area features a grid of video thumbnails with titles such as 'Supply & Demand', 'Small Business', 'Campus Quarry', and 'Architectural Design'. On the right, a video player is shown with a play button. Below the player, an analytics dashboard provides detailed information for a selected video, including duration (00:00:33), size (26.36 MB), views (60), unique views (12), total play length (00:35:55), and play percentage (100%). A line graph titled 'Viewing Behavior' shows the number of views at different time points. The bottom of the interface features a row of additional video thumbnails.

# 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

# 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

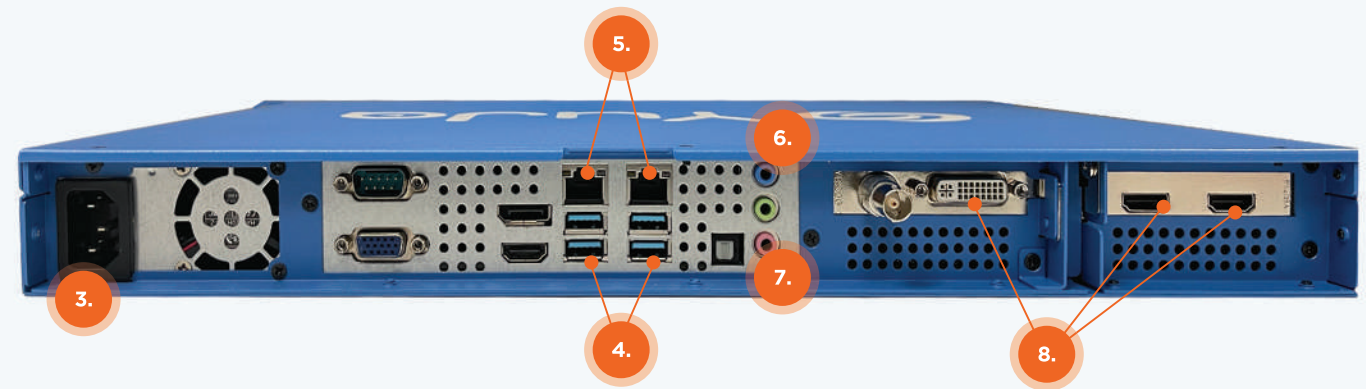
Connect standard microphones or most external audio sources

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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