

# Specification

**Product Name:** Paperless Codec Server

**Product Model:** HY-ES20

**Document Version:** A/1 (2024.4.15)

**Production Department:** Product Department

## 1、 Product Overview

### 1.1 Product Image



## 2、 Product Specifications and Parameters

### 2.1 Product Description

Using an industrial-grade motherboard, Intel-type CPU, 4GB memory, and 32GB/64GB solid-state drive capacity, with standard rack-mount interfaces; designed in a standard rack-mount style, it is embedded with HD and SD video signal processing modules, capable of synchronous and asynchronous video signal input and output processing; supports HDMI and VGA signal input and output; supports automatic signal format conversion, converting network data signals into digital signals and vice versa for transmission.

### 2.2 Functional Parameters

1. Utilizes an industrial-grade motherboard, Intel-type CPU, 4/8GB memory, and 32GB solid-state drive capacity, with standard rack-mount interfaces;
2. Designed in a standard rack-mount style, embedded with HD and SD video signal processing modules, capable of synchronous and asynchronous video signal input and output processing;
3. Supports HDMI and VGA signal inputs, allowing external signals to broadcast in real-time to all meeting terminals and display synchronously;
4. Supports HDMI and VGA signal outputs, enabling any meeting terminal screen to output to large screens or other display devices via these interfaces;

5. Supports automatic signal format conversion, converting network data signals into digital signals and vice versa for transmission;
6. Supports conference room synchronous signal tracking function, maintaining real-time tracking and synchronous output when synchronous signals are present in the conference room, and no output when no synchronous signals are present;
7. Adopts three-level anti-static and lightning protection technology, capable of withstanding 8000V static electricity;
8. Built-in AC100V~240V international universal power supply and voltage regulation system, ensuring safe and stable operation under unstable voltage conditions.

### 2.3 Technical Parameters

Power Supply	AC100V~240V 50/60Hz
Maximum Power Consumption	250W
CPU	I3 3470
Memory	4G DDR3
Solid State Drive	32G/64G
Network Support	1000M Ethemet
External Interfaces	RJ45/VGA/HDMI/DVI
Operating System	Windows 7
Communication Protocol	TCP/IP HTTP
Optical Drive	-
Screen Interface	HDMI/VGA (customizable)

Material	Aluminum alloy
Process	Anodized treatment
Color	Matte black
Installation Method	Rack-mounted

## 2.4 System Connection Diagram

