

## Wired High-End Digital Conference System (Controller) SV-HR8320MP

The Solvision SV-HR8320MP is built on advanced DSP/DOV digital processing and transmission technology. This system is powered by a high-performance industrial-grade ARM Cortex-A9 processor with a 1.4GHz main frequency and 1GB of memory. It delivers faster, more stable performance while supporting multiple functions, including discussion, video tracking,

### Features

- High-Performance Core – DSP/DOV digital processing with ARM Cortex-A9 (1.4GHz, 1GB) supporting discussion & video tracking.
- Reliable Power – Built-in 100–240V universal PSU with voltage stabilization.
- Durable Build – All-metal body with anti-interference design for stable operation.
- Flexible Deployment – Supports conference room merging/splitting, up to 2000 units via expansion controllers.
- Superior Audio – 48kHz lossless transmission, 20Hz–20kHz response, 5-band EQ with presets & custom modes.
- Touchscreen Control – 4.3" IPS capacitive screen with multilingual (EN/CH/custom) menus.
- Recording & Data – Built-in USB module supports 2000 hours of audio recording, sign-in, voting, elections & scoring.
- Conference Modes – FIFO, Free, Limit, Apply & Voice modes; speaker/time limits with chairman priority override.
- **Microphone Connectivity –**
  - 4 groups of 8-channel RJ45 microphone unit interfaces (closed-loop Ethernet, hot-plugging, bidirectional power supply, 20 units per channel = 80 units).
  - 4 channels of 8-core microphone unit interfaces (25 units per channel = 100 units).
  - Expandable up to 256 units per controller and 2000 units with expansion controllers.
- System Reliability – Dual-host hot backup, live hot-plug repair, quick fault location, uninterrupted operation.
- Camera & Video Integration – Auto camera tracking (PELCO, Sony VISCA), 4x1 HDMI HD seamless switching, RS-232/RS-485 for control & central integration.
- Networking & Control – TCP/IP management via PC/tablet/mobile (Windows/Android); SDK support for customization.
- Audio & I/O – Multiple balanced/unbalanced inputs & outputs, optical fibre extension for long-distance, USB sound card for remote conferencing.
- Multi-Language & Interpretation – Supports up to 64 simultaneous interpretation channels.
- With 4x1 HDMI HD seamless video switching interface.
- 1 USB sound card interface and 2 sound card unbalanced output interfaces (2P Phoenix plug), it can be connected to a computer for remote conferencing.

Camera Tracking Look At Me Conference System

Full-function Conference System

Management to Easily Realize Smart Control



### Specifications

- **Power supply** - AC110V-220V/50Hz
- **Frequency response** -20Hz-20kHz
- **S/N ratio** - >96dBA
- **T.H.D** - <0.05%
- **Recording connector** - USB
- **Input connector** - RJ45 x4 (group) /DIN-8 x4
- **Extension connector** - RJ45(2group)
- **Central controller connector** - RS-232
- **Camera switch connector** -RS-422
- **Audio input** -2P connector (unbal) x1,RCA (unbal) x1, 2P connector (unbal) x1(alarm device)
- **Audio output** -3P connector (bal) x1,2P connector (unbal) x2 XLR (bal) x1,6.35mm (unbal) x1,RCA (unbal) x3 Coaxial x1 Optical Fibre x1
- Sound card: 2P connector (unbal) x2
- **Cable** - Connected with CAT6/7 cable
- **MIC Input** -54 dB (\*2), 600 Ω
- **Output LINE & REC** -10 dB (\*2), 10 kΩ,
- **EQ Insert Input/Output Terminal** -10 dB (\*2), 10 kΩ, Video
- **Conference System Input/Output Terminal** -10 dB (\*2), 10 kΩ
- **Operating Temperature** - 0 °C to +40 °C,
- **Operating Humidity** - 90 % Rh
- **Size (L×W×H)** - 483x265 x 88 mm
- **Safety**-CE,FCC,RoHS,(ISO9001:2015,14001:2015,45001:2018, 27001:2022 -IAF Certified)

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