

# HCS-8131M

## Professional Audio & Video Recorder for Conference



### Features

- **The first professional digital audio & video recorder for conference in the world, especially designed for high-level meetings**
- **Cooperating with TAIDEN conference system, synchronously records conference video & audio information**
- **Special multi-channel simultaneous interpretation recording function**
  - ◆ Especially designed for audio & video recording and playing back for conference; one video channel has a max. of 8 corresponding audio channels
- **Supports one channel video and multi-channel audio combination and download as one media stream, or one audio channel download as one audio file**
- **Broadcast audio quality, HD video quality (1080p)**
- **Automatically records speaking delegate(s) and the panorama of the venue - saves data as digital files**
- **Special indexing and sorting feature designed for conference for video & audio files recorded**
  - ◆ Search by time, keywords of meeting name or room name
  - ◆ Search by time, keywords of speaker or proposal which of the speak information, simultaneous interpretation information or proposal information
- **Recorded file playback, fast play, backward, pause/stop, etc.**
- **Audio/video files saved on hard disk in HCS-8131M - start/stop recording by client application control. Recorded files do not get lost even if client powers off item**
- **During AV recording, all channels can be monitored with earphones**
- **Hardware requirements: dual-core processor, RAM 4G or higher, discrete graphic card, 1440×900 (better), DirectX 9.0 or higher**
- **Software requirements: Windows 7 or higher.**
- **Variety of control methods and MMI to facilitate administrator's and users' tasks**
- **Visual, interactive, cooperative play function**
- **Downloading file adopts a common standard format: generic formats, such as mp4, etc.**
- **Single system scalable to support multiple concurrent meetings simultaneously recording live**

- **The ability of remote upgrading through network**
- **With DSP processing chips, embedded operating system, stable and reliable due to immunity to network virus attacks**

### Controls and Indicators

- Graphic 256x32 LCD with back-lighting displays status and menu of the system configuration, supporting multi-language menu
- Four buttons for configuration
- Power switch
- Standby switch with indicator
- Operation mode indicators
- Monitor channel select knob
- Monitor volume control knob
- Mini IR radiator

### Interconnections

- **Signal Inputs:**
  - ◆ 4 channels of video input via BNC connectors
  - ◆ 4 channels of audio input via BNC connectors
  - ◆ 1 channel of HD VGA input via female 15-pin HDF
- **Signal outputs:**
  - ◆ 1 channel of video output via HDMI connector
  - ◆ 1 channel of video output via BNC connector
  - ◆ 1 channel of VGA output via female 15-pin HDF
  - ◆ 1 channel of audio output via RCA (L+R)
- One RS-232 control port with connection to computer, modem and other device
- Ethernet interface
- Extension interface with built-in professional camera control protocols, a variety of professional cameras like TAIDEN, SONY, PELCO and Panasonic can be controlled

### Technical Specifications

#### Electrical

Video compression	.....	H.264
Hard disk capacity	.....	Up to 4 hard disks, each disk ≤ 2 T
Video input (composite video)	....	1 Vpp/ 75 Ohm, BNC connectors, PAL: 704×576/ NTSC: 704×480
Video input (VGA)	.....	0.7 Vpp/ 75 Ohm, female 15-pin HDF, up to 1400×1050@60 Hz
Video output	.....	1 channel HDMI, 1 channel VGA
Audio input	.....	2 Vpp/1 kOhm, BNC connectors
Audio output	.....	Linear electrical level/1 kOhm, RCA connector
Audio compression	.....	AAC
Communication interfaces	..	RJ45 10M/100M/1000M self-adaptive Ethernet interface, RS232 port
Keyboard interface	.....	1 port
USB interface	.....	USB1.1/USB 2.0, supports USB flash memory, USB HDD, USB CD-R/W, USB DVD or USB mouse
HDMI interface resolution		1920×1080i@50 Hz

VGA interface resolution .....800×600@60 Hz,  
1024×768@60 Hz,  
1280×1024@60 Hz,  
1440×900@60 Hz  
Power supply .....AC 100 V-240 V, 50 Hz/ 60 Hz  
Power consumption (excl. hard disk).....20 W - 50 W

**Mechanical**

Temperature .....-10 °C to +55 °C  
Humidity .....10% ~ 90% RH  
Mounting .....Tabletop or mounted in a 19" rack  
Weight .....6.6 kg  
Color .....White (PANTONE 420 C)

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**Ordering Information**

HCS-8131M .....Professional Audio & Video Recorder for  
Conference (4 CHs composite video input  
with D1 resolution, 1 CH VGA input, 4 CHs  
audio input)

# HCS-8132M

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- **Variety of control methods and MMI to facilitate administrator's and users' tasks**
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- **Single system scalable to support multiple concurrent meetings simultaneously recording live**

- **The ability of remote upgrading through network**
- **With DSP processing chips, embedded operating system, stable and reliable due to immunity to network virus attacks**

### Controls and Indicators

- Graphic 256x32 LCD with back-lighting displays status and menu of the system configuration, supporting multi-language menu
- Four buttons for configuration
- Power switch
- Standby switch with indicator
- Operation mode indicators
- Monitor channel select knob
- Monitor volume control knob
- Mini IR radiator

### Interconnections

- **Signal Inputs:**
  - ◆ 8 channels of video input via BNC connectors
  - ◆ 8 channels of audio input via BNC connectors
  - ◆ 1 channel of HD VGA input via female 15-pin HDF
- **Signal outputs:**
  - ◆ 1 channel of video output via HDMI connector
  - ◆ 1 channel of video output via BNC connector
  - ◆ 1 channel of VGA output via female 15-pin HDF
  - ◆ 1 channel of audio output via RCA (L+R)
- One RS-232 control port with connection to computer, modem and other device
- Ethernet interface
- Extension interface with built-in professional camera control protocols, a variety of professional cameras like TAIDEN, SONY, PELCO and Panasonic can be controlled

### Technical Specifications

#### Electrical

Video compression	.....	H.264
Hard disk capacity	.....	Up to 4 hard disks, each disk ≤ 2 T
Video input (composite video)	.....	1 Vpp/75 Ohm, BNC connectors, PAL: 704×576 / NTSC: 704×480
Video input (VGA)	.....	0.7 Vpp/75 Ohm, female 15-pin HDF, up to 1400×1050@60 Hz
Video output	.....	1 channel HDMI, 1 channel VGA
Audio input	.....	2 Vpp/1 kOhm, BNC connectors
Audio output	.....	Linear electrical level/1 kOhm, RCA connector
Audio compression	.....	AAC
Communication interfaces	.....	RJ45 10M/100M/1000M self-adaptive Ethernet interface, RS232 port
Keyboard interface	.....	1 port
USB interface	.....	USB1.1/USB 2.0, supports USB flash memory, USB HDD, USB CD-R/W, USB DVD or USB mouse
HDMI interface resolution	.....	1920×1080i@50 Hz

VGA interface resolution .....800×600@60 Hz,  
1024×768@60 Hz,  
1280×1024@60 Hz,  
1440×900@60 Hz  
Power supply .....AC 100 V-240 V, 50 Hz/ 60 Hz  
Power consumption (excl. hard disk).....20 W - 50 W

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**Ordering Information**

HCS-8132M .....Professional Audio & Video Recorder for  
Conference (8 CHs composite video input  
with D1 resolution, 1 CH VGA input, 8 CHs  
audio input)

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## Professional Audio & Video Recorder for Conference



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- Special indexing and sorting feature designed for conference for video & audio files recorded
  - ◆ Search by time, keywords of meeting name or room name
  - ◆ Search by time, keywords of speaker or proposal which of the speak information, simultaneous interpretation information or proposal information
- Recorded file playback, fast play, backward, pause/stop, etc.
- Audio/video files saved on hard disk in HCS-8131M - start/stop recording by client application control. Recorded files do not get lost even if client powers off item
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- Software requirements: Windows 7 or higher.
- Variety of control methods and MMI to facilitate administrator's and users' tasks
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- Downloading file adopts a common standard format: generic formats, such as mp4, etc.
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### Controls and Indicators

- Graphic 256x32 LCD with back-lighting displays status and menu of the system configuration, supporting multi-language menu
- Four buttons for configuration
- Power switch
- Standby switch with indicator
- Operation mode indicators
- Monitor channel select knob
- Monitor volume control knob
- Mini IR radiator

### Interconnections

- Signal Inputs:
  - ◆ 1 channel of SDI video input via BNC connector
  - ◆ 4 channels of audio input via BNC connectors
  - ◆ 1 channel of HD VGA input via female 15-pin HDF
- Signal outputs:
  - ◆ 1 channel of video output via HDMI connector
  - ◆ 1 channel of video output via BNC connector
  - ◆ 1 channel of VGA output via female 15-pin HDF
  - ◆ 1 channel of audio output via RCA (L+R)
- One RS-232 control port with connection to computer, modem and other device
- Ethernet interface
- Extension interface with built-in professional camera control protocols, a variety of professional cameras like TAIDEN, SONY, PELCO and Panasonic can be controlled

### Technical Specifications

#### Electrical

Video compression	.....	H.264
Hard disk capacity	.....	Up to 4 hard disks, each disk ≤ 2 T
Video input (composite video)	.....	1 Vpp/75 Ohm, BNC connectors, PAL: 704×576 / NTSC: 704×480
Video input (VGA)	.....	0.7 Vpp/75 Ohm, female 15-pin HDF, up to 1400×1050@60 Hz
Video output	.....	1 channel HDMI, 1 channel VGA,
Audio input	.....	2 Vpp/1 kOhm, BNC connectors
Audio output	.....	Linear electrical level/1 kOhm, RCA connector
Audio compression	.....	AAC
Communication interfaces	.....	RJ45 10M/100M/1000M self-adaptive Ethernet interface, RS232 port
Keyboard interface	.....	1 port
USB interface	.....	USB1.1/USB 2.0, supports USB flash memory, USB HDD, USB CD-R/W, USB DVD or USB mouse
HDMI interface resolution	.....	1920×1080i@50 Hz

VGA interface resolution .....800×600@60 Hz,  
1024×768@60 Hz,  
1280×1024@60 Hz,  
1440×900@60 Hz  
Power supply .....AC 100 V-240 V, 50 Hz/60 Hz  
Power consumption (excl. hard disk).....20 W - 50 W

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**Ordering Information**

HCS-8133M .....Professional Audio & Video Recorder for  
Conference (1 CH SDI video input with  
1080p resolution, 1 CH VGA input, 4 CHs  
audio input)

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- Mini IR radiator

### Interconnections

- **Signal Inputs:**
  - ◆ 2 channels of SDI video input via BNC connectors
  - ◆ 8 channels of audio input via BNC connectors
  - ◆ 1 channel of HD VGA input via female 15-pin HDF
- **Signal outputs:**
  - ◆ 1 channel of video output via HDMI connector
  - ◆ 1 channel of video output via BNC connector
  - ◆ 1 channel of VGA output via female 15-pin HDF
  - ◆ 1 channel of audio output via RCA (L+R)
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**Ordering Information**

HCS-8134M .....Professional Audio & Video Recorder for  
Conference (2 CHs SDI video input with  
1080p resolution, 1 CH VGA input, 8 CHs  
audio input)



**System Connection**

