

## DS-8108LHFHI-K2 Education Sharing System



### Features and Functions

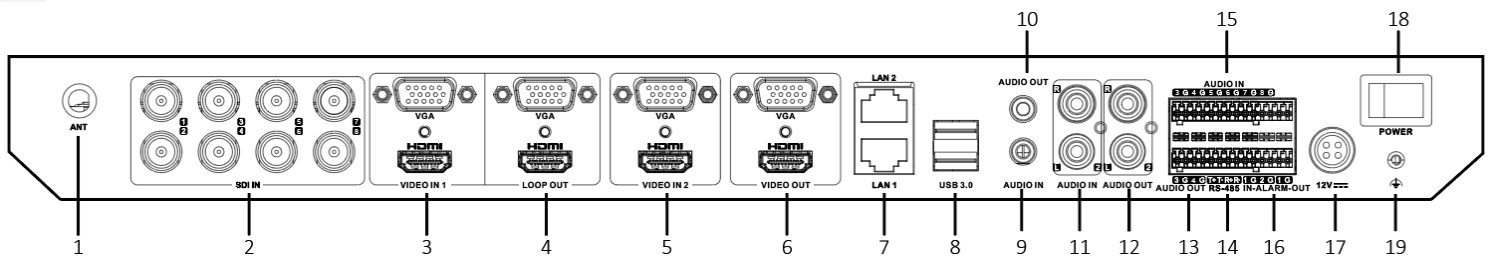
- Three live view control views are provided: movie mode, picture-in-picture mode, and multi-screen mode
- Auto live view control realizes automatic switch of teacher image, student image, and multimedia image, which helps to meet the demand of daily teaching requirement
- ACC format audio encoding technology, up to 48 KHz audio input sampling rate, and internal sound mixing feature provide high audio quality
- Synchronously collect the teacher image, student image, and multimedia image via HDMI/VGA input
- Real-time encoding for all cameras with up to 1080p resolution
- Support setting different resolution, frame rate, and bitrate for three streams, including main stream, sub-stream, and third stream
- Support searching, playback, and downloading courses by keywords
- Support publishing courses to FTP server by pressing the publish button on front panel
- Support manual live view control, RTMP live view, playback course, and configure course plan in remote client or platform
- Support RTMP multimedia.



## Specifications

Model	DS-8108LHFHI-K2	
Video/Audio input	Analog video input	8-ch
	Analog video input resolution	1080p/25 fps, 1080p/30 fps, 720p/25 fps, 720p/30 fps, 720p/50 fps, 720p/60 fps, WD1, D1 Connectable to CVBS signal
	IP video input	5-ch
	IP video input resolution	2 MP
	HDMI video input	2-ch
	HDMI video input resolution	1024 × 768, 1280 × 720, 1366 × 768, 1680 × 1050, 1920 × 1080
	VGA video input	2-ch HDMI and VGA can't be recognised synchronously
	VGA video input resolution	1024 × 768, 1280 × 720, 1366 × 768, 1680 × 1050, 1920 × 1080
	Audio input	1-ch dual track of 3.5 mm connector 1-ch dual track of RCA connector. Sampling rate: 48 KHz 6-ch single track of green connector. Sampling rate: 48 KHz
Video/Audio output	HDMI loopback	1-ch (matching HDMI video in 1)
	VGA loopback	1-ch (matching VGA video in 1)
	HDMI video output	1-ch. 1024 × 768/60 Hz, 1280 × 720/60 Hz, 1280 × 1024/60 Hz, 1920 × 1080/60 Hz
	VGA video output	1-ch. 1024 × 768/60 Hz, 1280 × 720/60 Hz, 1280 × 1024/60 Hz, 1920 × 1080/60 Hz
	OLED display screen	1
	Audio output	1-ch dual track of 3.5 mm connector 1-ch dual track of RCA connector 2-ch single track of green connector. Linear Level; Impedance: 1 KΩ
Video&Audio encoding/decoding	Video compression	H.265/H.264
	Encoding resolution	High-definition stream: 1080p/720p/WD1/4CIF/VGA/CIF Standard-definition stream: WD1/4CIF/CIF Fluent stream: CIF/QVGA
	Video frame rate	1 to 25 fps (P)/30 fps (N)
	Video bitrate	32 Kbps to 16 Mbps
	Audio compression	AAC
	Audio bitrate	128 Kbps
	Sampling rate:	48 KHz
	Dual stream	Support
	Stream type	Video&Audio, Video
	Stream number	Three streams with HD (High-Definition)/SD (Standard-Definition)/Fluent
	Synchronous playback	1-ch
Hard disk	SATA	2 SATA interfaces
	Capacity	Up to 8 TB capacity for each disk
External interface	Network interface	2, RJ25 10M/100M/1000M Ethernet interface
	USB interface	Front Panel: 2 × USB 2.0 Rear Panel: 2 × USB 3.0
	Serial port	1 RS-485, full duplex
	Alarm input/output	2/1
General	Powr supply	12 VDC
	Comsumption (without HDDs)	≤ 40 W
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Working humidity	10% to 90%
	Chassis	1U
	Demension (W x D x H)	440 × 385 × 45 mm (17.3 × 15.2 × 1.8 inch)
	Weight (without HDDs)	≤ 5.5 Kg (12.1 lb)

## Physical Interfaces



No.	Description	No.	Description
1	ANT	11	AUDIO IN, RCA Connector
2	VIIDEO IN, SDI Connector	12	AUDIO OUT, RCA Connector
3	VGA and HDMI VIIDEO IN	13	AUDIO OUT
4	VGA and HDMI Loopback Interface	14	RS-485 Interface
5	VGA and HDMI VIIDEO IN	15	AUDIO IN
6	VGA and HDMI VIIDEO OUT	16	ALARM IN/OUT
7	LAN Network Interface	17	12 VDC Power Supply
8	USB 3.0 Interface	18	Power Switch
9	AUDIO IN, 3.5 mm Connector	19	GND
10	AUDIO OUT, 3.5 mm Connector		

## Available Models

DS-8108LHFHI-K2

Distributed by



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