

DS-9604LNI-V/B12 Education Sharing System



▪ Features and Functions

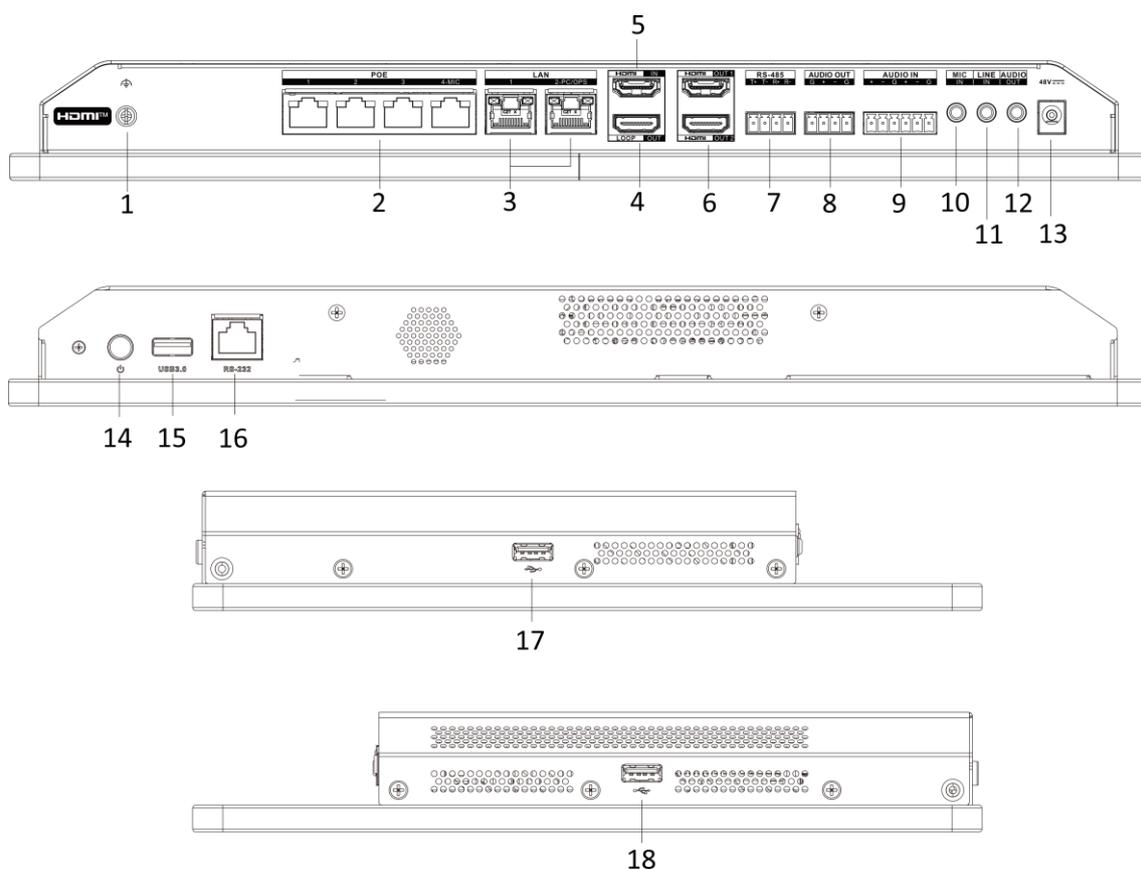
- Three live view control views are provided: movie mode, picture-in-picture mode, and multi-screen mode
- Auto live view control realizes automatic switch of teacher image, student image, and multimedia image, which helps to meet the demand of daily teaching requirement
- ACC format audio encoding technology, 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 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

▪ Specification

Recording	
Video Compression	H.265/H.264
Encoding Resolution	Main stream: 8MP/4MP/1080p/720p/WD1/4CIF/VGA/CIF Sub-stream: 540p/WD1/4CIF/CIF Only M1 direct channel supports 8 MP and 4 MP
Frame Rate	1 to 25 fps
Video Bitrate	32 Kbps to 16 Mbps
Stream Type	Video & Audio, Video
Audio Compression	AAC
Audio Bitrate	128 Kbps
Video and Audio	
IP Video Input	5-ch
HDMI 1 Output	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI 2 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI Input	1-ch; 4K (3840 × 2160)/30 Hz, 1920 × 1080/60Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1440 × 900/60 Hz, 1366 × 768/60 Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 800 × 600/60 Hz
HDMI Loopback	1-ch (matching HDMI video in)
LCD Output	15.6" TFT LCD FHD (1920 × 1080) Support touch screen
Audio Output	1-ch dual track of 3.5 mm connector 1-ch dual track of green connector 2-ch dual track of HDMI interface
Audio Input	1-ch dual track of 3.5 mm line in 1-ch dual track of 3.5 mm mic in 2-ch single track of green connector; 1-ch dual track of HDMI in
Audio Sampling Rate	48 KHz
Decoding	
Decoding Format	H.265/H.264/MJPEG
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Decoding Capability	12-ch@1080p(25 fps)
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2
Synchronous playback	1-ch
Dual-stream	Support
Network	
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	2, 1 RJ25 10M/100M/1000M Ethernet interface and 1 switch interface for PC/ops use
PoE	
Interface	4-ch, RJ45 10M/100M self-adaptive Ethernet interface

Power	Each interface ≤ 30 W, total power ≤ 65 W
Standard	IEEE802.3af/at
Auxiliary Interface	
SATA	1 SATA interface
Capacity	1 built-in 2.5-inch 1 TB SATA hard disk
Serial Interface	1 RS-485, full duplex
USB Interface	2 × USB 2.0, 1 × USB 3.0
General	
Power Supply	48 VDC, 2.5 A
Consumption	≤ 120 W (with HDD)
Working Temperature	-10 °C to 45 °C (14 °F to 113 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	378 × 40 × 262 mm (14.8 × 1.6 × 10.3 inch)
Weight	≤ 4.0 kg (≤ 8.8 pound)
Certification	
CE	EN50130-4, EN 61000-3-2, EN 61000-3-3, EN 55032

▪ **Physical Interface**

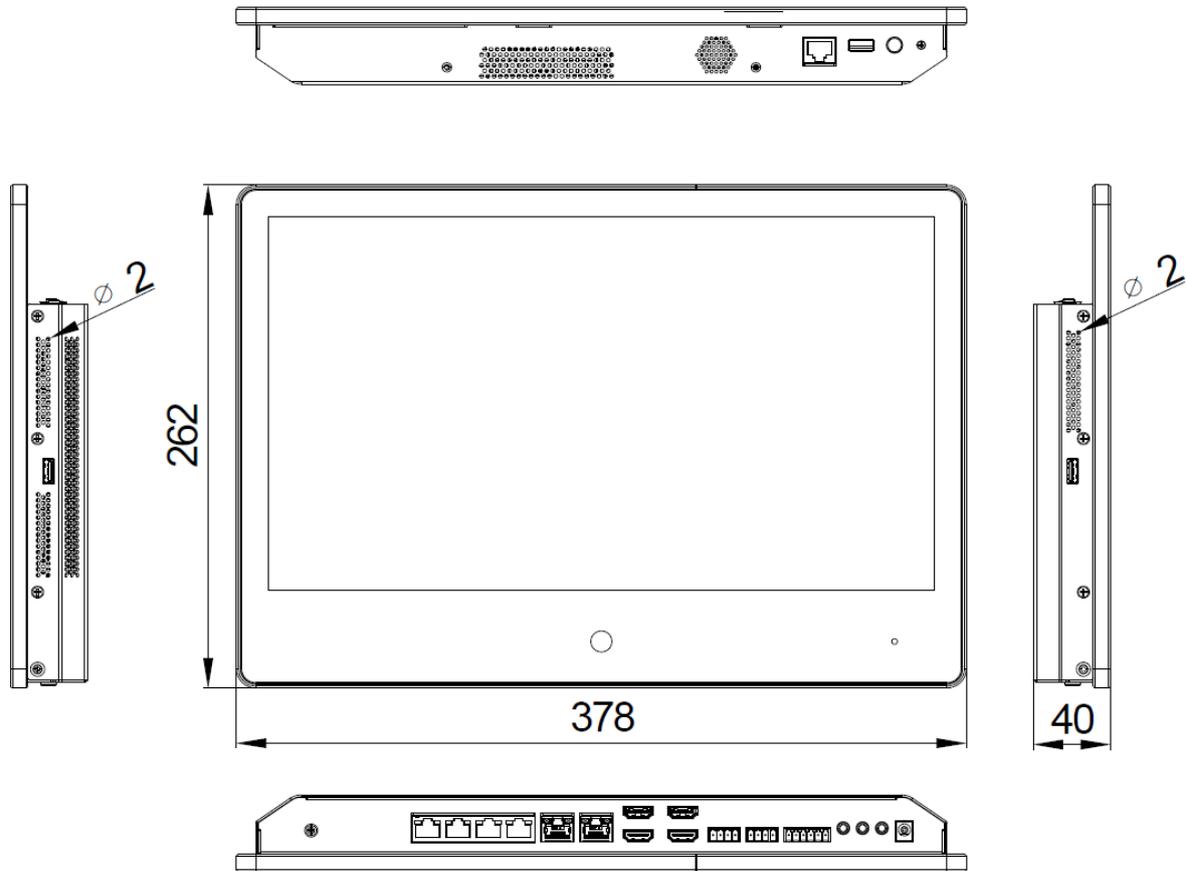


No.	Description	No.	Description
1	GND	8	AUDIO OUT
2	Network interfaces with PoE functions	9	AUDIO IN
3	LAN 1&2 interfaces	10	MIC IN
4	HDMI LOOP OUT	11	LINE IN
5	HDMI IN	12	AUDIO OUT
6	HDMI OUT 1&2	13	48 VDC power supply
7	RS-485 interface	14	Screen button/power switch
15	USB interface	16	RS-232 interface
17	USB interface	18	USB interface

▪ **Available Model**

DS-9604LNI-V/B12

▪ Dimension



scale/1: 1; Unit/mm

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