

T9203

HD CONFERENCE RECORDING AND BROADCASTING SYSTEM HOST



PRODUCT DESCRIPTION:

BASED ON THE STABILITY REQUIREMENTS OF THE RECORDING AND BROADCASTING EQUIPMENT, THE RECORDING AND BROADCASTING HOST MUST BE DESIGNED WITH AN EMBEDDED ARCHITECTURE, WHICH DOES NOT ACCEPT THE SERVER AND PC ARCHITECTURE, AND DOES NOT USE AN ENCODING BOX. THE HOST CONTAINS LOCAL GUIDE AND ONLINE GUIDE, RECORDING, LIVE, ON-DEMAND, VIDEO MANAGEMENT, USER MANAGEMENT AND DIGITAL AUDIO, AMPLIFIER FUNCTIONS FOR INTEGRATED DESIGN. WITH WEB REMOTE MANAGEMENT FUNCTION, IT CAN MONITOR AND MONITOR IN REAL TIME. THE APPEARANCE DESIGN OF THE RECORDING AND BROADCASTING HOST SHOULD BE BEAUTIFUL, PRACTICAL AND EASY TO INSTALL. THE RECORDING AND BROADCASTING HOST ADOPTS A HEIGHT OF $\leq 1U$, AND THE FRONT PANEL HAS A BUILT-IN 2-INCH LCD SCREEN TO DISPLAY THE DEVICE MODEL, HOST NAME, LOCAL IP, WORKING STATUS, LOCAL TEMPERATURE, DATE AND TIME, AND USES 12V DC POWER SUPPLY.

FEATURES:

- THE HOST MUST SUPPORT ≥ 4 SETS OF SDI HIGH-DEFINITION INPUTS, ≥ 3 HDMI INPUTS, ≥ 1 VGA INPUT, ≥ 1 HDMI OUTPUT, ≥ 1 VGA OUTPUT, AND ≥ 2 USB PORTS (THE ABOVE INTERFACES CANNOT BE ACHIEVED VIA ADAPTERS). IT SHOULD SUPPORT HIGH-DEFINITION VIDEO AND COMPUTER RESOLUTIONS UP TO 1920*1080 WITH BACKWARD COMPATIBILITY.
- THE SYSTEM MUST SUPPORT AUTOMATIC SWITCHING TRIGGERED BY COMPUTER PPT SIGNALS WITHOUT REQUIRING ANY AUXILIARY SOFTWARE OR PLUGINS TO BE INSTALLED ON THE COMPUTER.
- IT MUST SUPPORT PLAYBACK OF VIDEO FILES FROM THE HOST'S LOCAL HARD DRIVE, USB VIDEO FILES, AND REMOTE RTSP VIDEO STREAMS, AS WELL AS RECORDING. IT SHOULD PROVIDE 12 DIFFERENT SPLIT-SCREEN LAYOUT MODES AND ALLOW USER-DEFINED SPLIT-SCREEN LAYOUT CONFIGURATIONS.
- THE HOST MUST INCLUDE A BUILT-IN DIGITAL INTELLIGENT AUDIO PROCESSING MODULE, ENABLING INTELLIGENT AUDIO PROCESSING WITHOUT EXTERNAL AUDIO PROCESSING EQUIPMENT. IT SHOULD SUPPORT ECHO SUPPRESSION, NOISE CANCELLATION, AND AUTOMATIC GAIN CONTROL. THE HOST MUST ALSO SUPPORT ≥ 2 MIC INPUTS (WITH 48V PHANTOM POWER CAPABILITY), ≥ 1 LINE INPUT, AND ≥ 1 LINE OUTPUT.
- THE SYSTEM MUST FEATURE 3 LED INDICATORS FOR REAL-TIME MONITORING AND EARLY WARNING OF SERVER STATUS: A POWER INDICATOR (CONSTANTLY LIT WHEN POWERED), A HARD DRIVE INDICATOR (FLASHING DURING READ/WRITE OPERATIONS), AND A PROGRAM OPERATION STATUS LIGHT (FLASHING DURING PROGRAM EXECUTION).
- THE RECORDING AND BROADCASTING SYSTEM SHOULD EMBODY CHARACTERISTICS OF SIMPLICITY, EASE OF USE, AND HIGH INTEGRATION;
- SUPPORT ONE-CLICK BROADCASTING SWITCHING, WITH MANUAL AND FULLY AUTOMATIC MODES AVAILABLE FOR SEAMLESS SWITCHING BETWEEN THE TWO; MANUAL BROADCASTING MODE SUPPORTS FUNCTIONS SUCH AS VIDEO PREVIEW, LIVE OUTPUT MONITORING, VIDEO SWITCHING, AUDIO ADJUSTMENT, AND RECORDING MODE SWITCHING;
- SUPPORT MANUAL PTZ CONTROL FOR PAN-TILT-ZOOM CAMERAS, WITH MULTIPLE PRESET POSITIONS AVAILABLE FOR EACH CAMERA FEED;
- SUPPORT TWO RECORDING MODES: MOVIE MODE AND MOVIE PLUS RESOURCE MODE; SUPPORT SIX RECORDING FORMATS: MP4, AVI, FLV, MKV, MOV, AND TS, WITH VIDEO ENCODING USING H265MP AND H264HP.
- OTHER INTERFACES: ≥ 2 RS232 INTERFACE CONTROLS, ≥ 2 RS485 INTERFACE CONTROLS, ≥ 1 SET OF LEVEL CONTROL INPUT/OUTPUT INTERFACES, SUPPORTS 1 GIGABIT ETHERNET PORT AND 1 OPTICAL PORT DUAL NETWORK BACKUP FUNCTION, 2 USB INTERFACES;
- SUPPORTS CLOUD PLATFORM ACCESS, UPLOAD SHARING, AND MULTI-USER LIVE STREAMING VIEWING. IT CAN ALSO ACHIEVE STANDALONE REMOTE VIEWING OF LIVE STREAMS AND ON-DEMAND CONTENT WITHOUT REQUIRING A SERVER OR CLOUD PLATFORM, SUPPORTING UP TO 100 USERS.

- THE HOST SUPPORTS RTSP/RTMP STREAMING, ENABLING PUSHING STREAMS TO THIRD-PARTY LIVE STREAMING PLATFORMS FOR VIEWING.
- IN CONFERENCE APPLICATIONS, IT FEATURES AUTOMATIC VIDEO FILE REPAIR FUNCTIONALITY IN CASE OF UNEXPECTED POWER OUTAGES OR NETWORK INTERRUPTIONS.
- EQUIPPED WITH PRACTICAL FUNCTIONS SUCH AS OSD INFORMATION, CORNER LOGOS, AND INSERTING OPENING/CLOSING CREDITS, ALLOWING REAL-TIME ADDITION AND EDITING.
- THE HOST MUST MEET DAILY RECORDING REQUIREMENTS, EQUIPPED WITH ≥2T STORAGE SPACE, WITH A MAXIMUM OPTIONAL SUPPORT OF UP TO 8T.
- THE HOST SUPPORTS FTP/NFS PROTOCOLS TO INTERFACE WITH THIRD-PARTY NETWORK STORAGE SERVERS, ENABLING AUTOMATIC UPLOADING OF RECORDED FILES TO LARGER-CAPACITY NETWORK STORAGE SERVERS.

SPECIFICATIONS:

Model	T9203
Housing Material	Anodized Metal Black Scatter Paint 1.2mm Thick Solid structure SGCC Dust-proof, Shockproof
Mounting Method	Rack Mount
Color	Black
Product Size(D*W*H)	430×322×43mm
Power Supply	Power Adapter DC 12V 5A
Power	60W
Gross Weight	6kg
Net Weight	5kg

FRONT / REAR PANEL:



1. POWER BUTTON

- IN THE CASE OF POWER FAILURE, THE POWER INDICATOR LIGHT IS OFF; WHEN THE MACHINE IS POWERED ON AND TURNED ON, THE POWER INDICATOR IS ALWAYS ON AND SHOWS BLUE; WHEN THE MACHINE IS POWERED ON BUT TURNED OFF, THE POWER INDICATOR LIGHT IS ALWAYS ON AND SHOWS RED.

2. USB PORT

- THERE ARE 2 USB JACKS, THE UPPER ONE IS USB3.0 JACK AND THE LOWER ONE IS USB 2.0 JACK,, WHICH ARE USED TO ACCESS KEYPAD DEVICES OR USB FLASH DRIVE.

3. RIGHT BUTTON

- MAINLY USED FOR LCD SCREEN OPERATION, THE RIGHT IS TO ENTER THE NEXT INTERFACE OR MOVE THE CURSOR TO THE RIGHT.

4. DOWN BUTTON

- MAINLY USED FOR LCD SCREEN OPERATION, DOWN IS TO MOVE THE CURSOR DOWN OR TO MODIFY THE VALUE.

5. LEFT BUTTON

- MAINLY USED FOR LCD SCREEN OPERATION, THE LEFT IS TO RETURN TO THE PREVIOUS INTERFACE OR MOVE THE CURSOR TO THE LEFT.

6. LCD SCREEN

- MAINLY USED TO DISPLAY THE RECORDING AND BROADCASTING HOST INFORMATION.

7. HOME BUTTON

- MAINLY USED FOR LCD SCREEN OPERATION, YOU CAN RETURN TO THE HOME PAGE WITH ONE KEY.

8. UP BUTTON

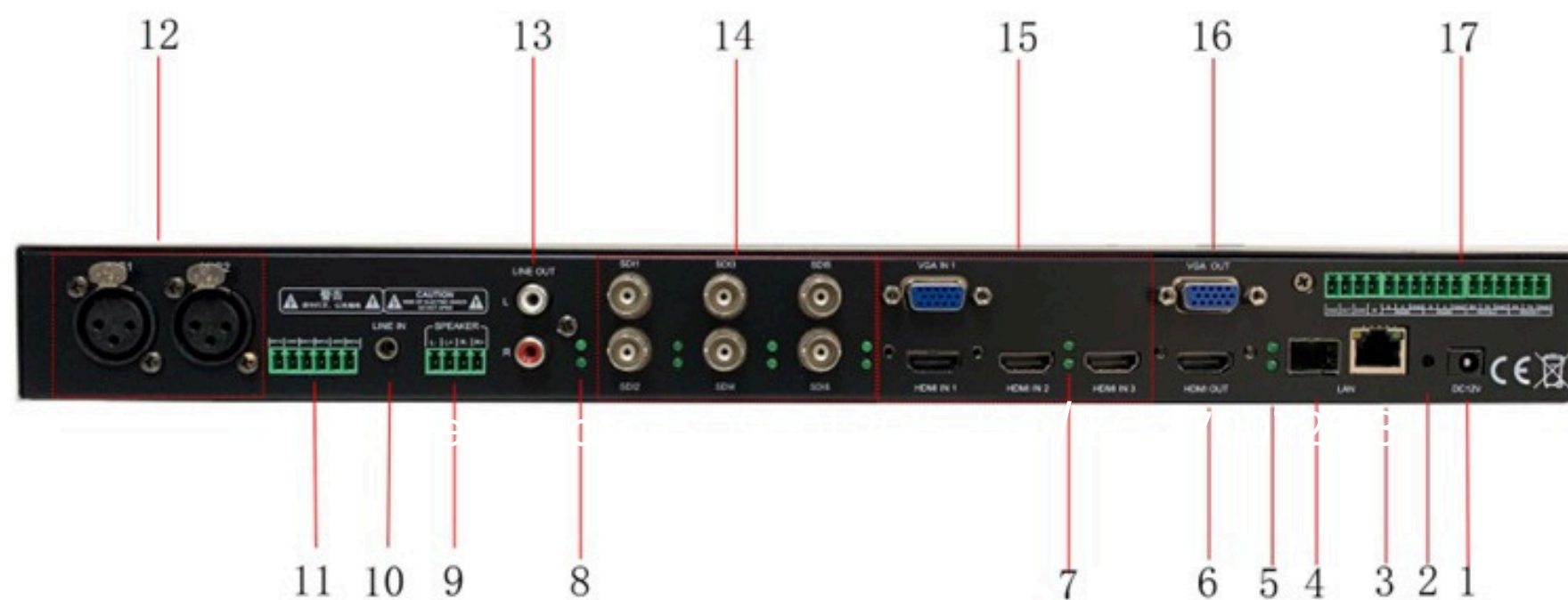
- MAINLY USED FOR LCD SCREEN OPERATION, UP MEANS MOVING THE CURSOR UP OR MODIFYING THE VALUE.

9. OK BUTTON

- MAINLY USED FOR LCD SCREEN OPERATION, YOU CAN SELECT THE NEXT INTERFACE TO ENTER, OR MODIFY THE INFORMATION TO CONFIRM.

10. INDICATOR LIGHT

- INCLUDING RUN LIGHT, REC LIGHT AND HDD LIGHT. THE RUN LIGHT IS ALWAYS ON, WHICH MEANS THAT THE RECORDING AND BROADCASTING HOST IS RUNNING; THE REC LIGHT IS ALWAYS ON, WHICH MEANS THE RECORDING AND BROADCASTING HOST IS RECORDING FILES; THE HDD LIGHT IS FLASHING, WHICH MEANS THAT THE HARD DISK IS READING OR STORING DATA.



1. POWER SUPPLY SOCKET

- DC12VPOWER INPUT INTERFACE, PLEASE CONNECT THE POWER CABLE TO THE MACHINE BEFORE POWER ON.

2. RESET BUTTON

- THE RESET BUTTON OF THIS MACHINE, LONG PRESS FOR 5 SECONDS TO AUTOMATICALLY RESTORE THE FACTORY SETTINGS. (IP: 192.168.1.2 SUBNET MASK: 255.255.255.0 GATEWAY: 192.168.1.1)

3. COMMUNICATION NETWORK PORT

- THE NETWORK COMMUNICATION PORT OF THE RECORDING HOST, WHICH IS USED TO CONNECT TO THE SWITCH.

4. COMMUNICATION OPTICAL PORT

- SUPPORTS OPTICAL PORT COMMUNICATION. (OPTICAL MODULE SOLD SEPARATELY)

5. COMMUNICATION OPTICAL PORT INDICATOR

- WHEN USING OPTICAL FIBER TO COMMUNICATE, THE COMMUNICATION PORT INDICATOR IS ON.

6. HDMI OUTPUT

- THIS MACHINE SUPPORTS HDMI OUTPUT, THE OUTPUT SHOWS THE LOCAL GUIDE INTERFACE OR PGM OUTPUT INTERFACE OF THE RECORDING HOST, AND ITS RESOLUTION CAN BE MODIFIED. (THE DEFAULT DISPLAY PGM OUTPUT INTERFACE, THE RESOLUTION IS 1080P60)

7. VIDEO INPUT SIGNAL LIGHT

- THIS PORT IS USED TO INDICATE THE PRESENCE OR ABSENCE OF THE 3-WAY HDMI INPUT SIGNAL AND THE PRESENCE OR ABSENCE OF THE 1-WAY VGA INPUT SIGNAL. THE LIGHT IS ALWAYS ON WHEN THERE IS A SIGNAL AND IS OFF WHEN THERE IS NO SIGNAL.

8. SDI INDICATOR LIGHT

- THIS PORT IS USED TO INDICATE THE PRESENCE OR ABSENCE OF THE 4-WAY SDI INPUT SIGNAL. THE LIGHT IS ALWAYS ON WHEN THERE IS A SIGNAL AND IS OFF WHEN THERE IS NO SIGNAL.

9. AMPLIFIER OUTPUT (NOT AVAILABLE)

- THIS PORT IS A 2-CHANNEL POWER AMPLIFIER OUTPUT INTERFACE, USED TO CONNECT CONSTANT-IMPEDANCE SPEAKERS.

10. LINE INPUT

- THIS PORT IS USED FOR EXTERNAL AUDIO INPUT.

11. MICROPHONE PHOENIX SOCKET (NOT AVAILABLE)

- THIS PORT IS USED FOR MICROPHONE ACCESS, MIC3 AND MIC4 RESPECTIVELY.

12. MICROPHONE XLR SOCKET

- THIS PORT IS USED FOR MICROPHONE ACCESS, MIC1 AND MIC2 RESPECTIVELY. SUPPORTS 48V PHANTOM POWER.

13. LINE OUTPUT

- CONNECT THE LINE OUTPUT OF OTHER SOUND EQUIPMENT.

14. SDI SIGNAL SOURCE

- THIS UNIT EFFECTIVELY OUTPUTS 4 CHANNELS OF SDI INPUT (SDI1-SDI4), WITH SUPPORTED INPUT RESOLUTION OF 1920*1080.

15. VIDEO INPUT SIGNAL SOURCE

- THIS MACHINE SUPPORTS 3-CHANNEL HDMI INPUT AND 1-CHANNEL VGA INPUT, AND THE SUPPORTED INPUT RESOLUTION IS 1920*1080.

16. VGA OUTPUT

- THIS MACHINE SUPPORTS VGA OUTPUT, THE OUTPUT SHOWS THE LOCAL GUIDE INTERFACE OR PGM OUTPUT INTERFACE OF THE RECORDING HOST, AND ITS RESOLUTION CAN BE MODIFIED. (THE DEFAULT DISPLAY IS LOCAL GUIDE INTERFACE WITH 1080P60 RESOLUTION)

17. RS232 INTERFACE

- SUPPORTS BIDIRECTIONAL CONTROL VIA RS232\RS485 (I/O PORTS ARE NOT AVAILABLE.).