Reach Bee8+

The Reach Bee8+ is a high-performance video recording and streaming device based on the latest video processing chip. The Bee8+ integrates high-definition video, audio, USB and other interfaces, automatically recognizes signal sources, records and generates MP4 format video files. The system can easily integrate a PC, tablet computer and other multi-point cooperative management controls, and works with the Reach MediaCenter Pro platform to store, manage and share recorded videos. The Reach MediaCenter Pro leverages HTML5 so any PC, phone or tablet can easily play the recorded output.
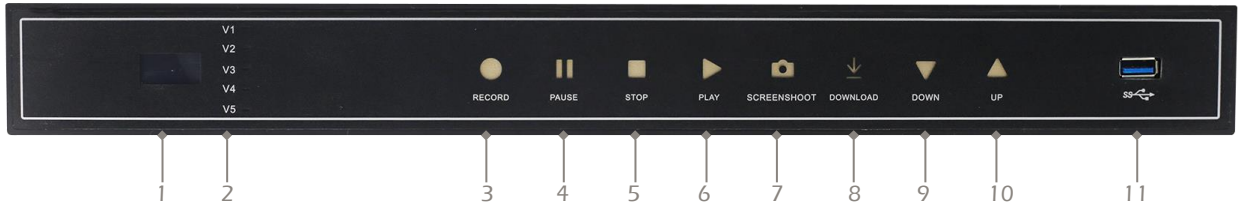

Features:

- Records and streams up to 4K(3840*2610@60) video and presentation content. Available in 1080p HD or 4K UHD models

- Simple one-button recording

- Simultaneous multiple control options from local control to external control via Crestron, Telnet or Serial control

- USB3.0 port gives you the flexibility to redundantly record onto a flash drive or external USB hard drive, as well as download previously recorded content

- MP4 file format ensures playback on all available media players

- Monitor content live and in playback from HDMI output(with audio HDMI embed audio) for compatibility with all video monitors available today

- Unattended FTP file transfer

- Simultaneously live stream content by RTSP and RTMP streams

- Powerpoint switch function automatically displays presentation content from input 5 full screen for a predetermined duration, then switches back to the selected montage.

- Powerpoint push sends presentation content from input 5 to up to 40 mobile devices simply by scanning an appliance
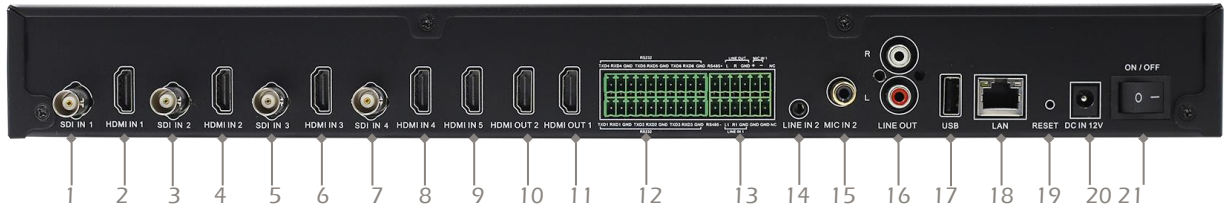
- Generated QR code.

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Specifications:

Model	A5200
Operation System	Linux OS
Input numbers	5 HDMI digital video or 4 SDI digital component video + 1 HDMI digital video
HDMI Input (Port 1- Port 4)	Supported resolution: Up to 1920@1080p@60. 4K model up to 3840*2610@30
3G-SDI Input (Port 1- Port 4)	Supported resolution: Up to 1920@1080p@60. 4K model up to 3840*2610@30
HDMI In(Port 5)	Supported resolution over HDMI input: 800*600@60 to 1920*1200@60, 3840*2160@30
HDMI Output Port 1	1920*1080@50@60, 3840*2610@60
HDMI Output Port 2	1280*720@60 1920*1080@50@60
Audio Input	Mic in: 1 Phoenix, 1RCA Line in: 3.5mm TRS line in, 1 Phoenix line in 1 HDMI embedded audio
Video Encoding	H.264 High Profile, Bit Rate: 768Kbps, 1Mbps, 2Mbps, 4Mbps, 4K model 8Mbps up to 40Mbps CBR,VBR,AVBR
Audio Encoding	AAC
File Format	Standard MP4, Resolution:1080P, PIP,POP, 4K
Management	Webpage interface , Front Panel Button, Third party Control panel, External control system (Creston ,AMX, Extron) ,Keyboard and mouse
Audio Bit Rate	96Kbps
Audio Sample Rate	44.1KHz
Language	English, Simplified Chinese, Traditional Chinese
Storage	2TB by default, can be upgraded to 8TB maximum
Power	DC12V, 5A, 60W power
Dimensions	430mm*335mm*44.5mm (L*W*H)
Control port	6 RS232, 1 RS485
Working Temperature	-20°C to 60°C
Storage Temperature	-40°C to 80°C

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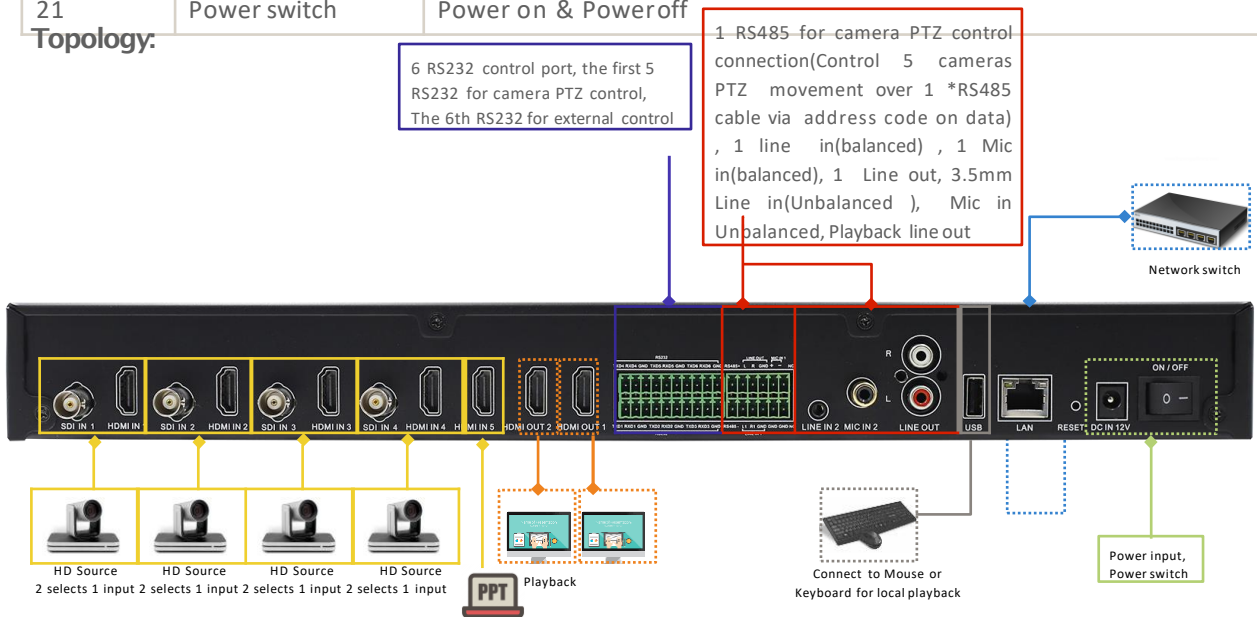| No.	Compont	Description
1	LCD Screen	Display system info, IP address, statues,etc
2	V1 V2 V3 V4V5	Input and statues indicator, signal present
3	Record	Start to recording
4	Pause	Pause record
5	Stop	Stop record or playback
6	Playback	Local playback
7	Screenshot	Screenshot for recording
8	Download	Download files to USB devices or external drive
9	Down	Down navigation key, Rotate dial to select file
10	Up	Up navigation key, Rotate dial to select file
11	USB3.0 I/O	USB 3.0 interface, connect USB devices

Rear Panel:

No.	Connector	Description
1	SDI IN 1	3G-SDI input, Maximum support 1080P@60
2	HDMI1	HDMI 1.4, Maximum support 4K@30 input（it is fully compatible with HDMI 1.4b, HDMI 1.4b 3D and HDCP 1.4 and also backward, Compatible to DVI 1.0 specifications
3	SDI IN 2	3G-SDI input, Maximum support 1080P@60
4	HDMI2	HDMI 1.4, Maximum support 4K@30 input（it is fully compatible with HDMI 1.4b, HDMI 1.4b 3D and HDCP 1.4 and also backward compatible to DVI 1.0 specifications
5	SDI IN 3	3G-SDI input, Maximum support 1080P@60
6	HDMI 3	HDMI 1.4, Maximum support 4K@30 input（fully compatible with HDMI 1.4b, HDMI 1.4b 3D and HDCP 1.4 and backward compatible to DVI 1.0 specifications
7	SDI IN 4	3G-SDI input, Maximum support 1080P@60

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No.	Connector	Description
8	HDMI 4	HDMI 1.4, Maximum support 4K@30 input（it is fully compatible with HDMI 1.4b, HDMI 1.4b 3D and HDCP 1.4 and also backward, Compatible to DVI 1.0 specifications
9	HDMI 5	HDMI 1.4, Maximum support 4K@30 input
10	HDMI output 1	HDMI 2.0,Maximum support 4K@60， Local display with audio output
11	HDMI output 2	HDMI 1.4,Maximum support 1080P@60,Local file playlist display
12	RS232 control port	6 RS232 control port, the first 5 RS232 for camera PTZ control, The 6th RS232 for external control
13	4 Group Phoenix connector	1*RS485 camera for camera PTZ control connection(Control 5 cameras PTZ movement over 1 *RS485 cable via address code on data) , 1 line in(balanced) , 1 Mic in(balanced), 1 Line out
14	Line in	3.5mm Line in(Unbalanced）
15	Mic in	Mic in Unbalanced
16	Line out	Playback line out
17	USB 2.0	Connect to Mouse or Keyboard for local playback
18	Network port	1 Gigabit network interface,RJ45
19	Reset	Reserved
20	Power IN	DV 12V/5A power input
21	Power switch	Power on & Power off

Topology:

6 RS232 control port, the first 5 RS232 for camera PTZ control, The 6th RS232 for external control

1 RS485 for camera PTZ control connection(Control 5 cameras PTZ movement over 1 *RS485 cable via address code on data) , 1 line in(balanced) , 1 Mic in(balanced), 1 Line out, 3.5mm Line in(Unbalanced), Mic in Unbalanced, Playback line out

Network switch

SDI IN 1 HDMI IN 1 SDI IN 2 HDMI IN 2 SDI IN 3 HDMI IN 3 SDI IN 4 HDMI IN 4 HDMI IN 5 HDMI OUT 2 HDMI OUT 1 LINE IN 2 MIC IN 2 LINE OUT USB LAN RESET DC IN 12V ON / OFF

HD Source HD Source HD Source HD Source
2 selects 1 input 2 selects 1 input 2 selects 1 input 2 selects 1 input

PPT Playback

Connect to Mouse or Keyboard for local playback

Power input, Power switch

Preview

Related products

Media Center Pro: A fully functional server for record scheduling and content editing and distribution