

Bee9+

Recording & Streaming with Auto Track and Smart Switch Technology



Bee9+ is the latest product of Reach, it supports 6 signal inputs, including 5-way SDI signals: teacher close-up, student close-up, podium panorama, student panorama, remote video conferencing, and 1 presentation signal from PC. It integrated auto-tracking, auto-switch & recording features, can auto tracking teacher and student's movement, detect the signal source change and auto-switch the image between teacher close-up, student close-up, podium panorama, student panorama, remote video conferencing and presentation.

Bee9+ works with video conference system, to achieve distance Learning, It specialized for classroom's recording solution in education market.

Features:

- Multiple video sources supported, up to 6 video sources
Include teacher close-up, student close-up, podium panorama, student panorama, remote video conferencing and presentation, totally 6 video sources.
- Advanced auto tracking technology
With image recognition and multiple frames comparison technology, system can work out the position and detect teacher and student's motion, then can easily auto tracking teacher and student's movement without wear any infrared device.
- Support 4K IP panoramic camera
Besides SDI camera, Bee9+ also can support 4K IP panoramic camera HD-950L, it's more flexible to meet different customer needs.

For more information, please contact us at:

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- Exclusive 6-signal auto-switching technology
 Switching between different signals, recording teaching activities naturally.
- Embedded with audio processing function
 Bee9+ integrated audio processing module, support for echo suppression, 12V phantom power supply, audio mixing output and other functions.
- USB copy file
 Bee9+ with USB 3.0 port, can support copy the recorded movie mode high quality file to mobile storage device via USB interface.
- Support Movie mode and Resource mode
 Bee9+ recorded file is a standard MP4 format and supports simultaneous recording of high and low bit rate movie mode and resource mode file.

 High bit rate files are used for high-quality file saving, and low bit rate files are used for live streaming and video on-demand in mobile devices or low-bandwidth environments.

Specifications:

Model	Bee9+
Operation System	Linux OS
Supported Video Input Resolution	HD signal: 720p@50@60, 1080p@25@30 VGA signal (digital DVI): 1024*768, 1280*720, 1366*768, 1400*1050, 1440*900, 1920*1080 VGA signal (analog): 1024*768, 1280*720, 1366*768, 1440*900, SD signal: support D1 video input (NTSC&PAL)
Supported Video Output Resolution	HDMI out: 720p@50@60, 1080p@50@60 VGA out: support 1080p at maximum Movie mode resolution: 720*480, 704*576, 800*600, 1024*576, 1024*768, 1280*720, 1920*1080
Video Encoding	H.264 High Profile
Frame Rate	25fps, 30fps
Recording File Size	300MB/h, 500MB/h, 600MB/h, 800MB/h, 1000MB/h, 1500MB/h, 2000MB/h
Audio Encoding	AAC-LC
Audio Bit Rate	128Kbps

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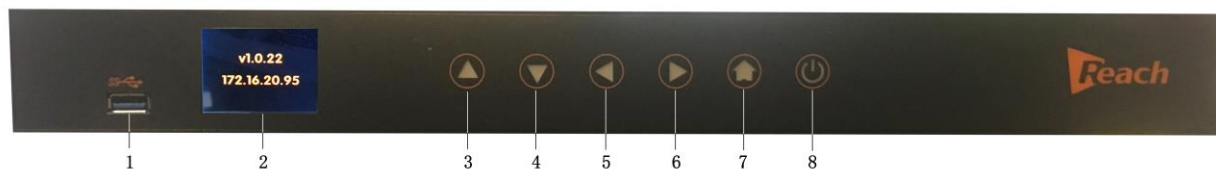
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Audio Sample Rate	48KHz
Director Mode	Three scenes, Four scenes
Teacher tracking way	With auxiliary positioning camera
Student tracking way	With analysis camera installed on ceiling
File Format	Movie mode & Resource mode
Language	English, Simplified Chinese, Traditional Chinese
Storage	1TB/2TB/4TB/8TB(optional), support dual hard disk
Power	AC 100~240V/60W/2A
Dimensions	430mm*335mm*44.5mm (L*W*H)
Weight	10.0Kg
Relative Humidity	5% to 95%
Working Temperature	-20°C to 60°C
Storage Temperature	-40°C to 80°C

Front Panel:



No.	Component	Statement
1	USB Port	USB3.0, for download the latest file
2	LCD	Display system info, IP address, status, etc.
3	Up button	Reserved
4	Down button	Reserved
5	Left button	Reserved
6	Right button	Reserved
7	Main interface button	Reserved
8	Power button	Light touch to display IP address

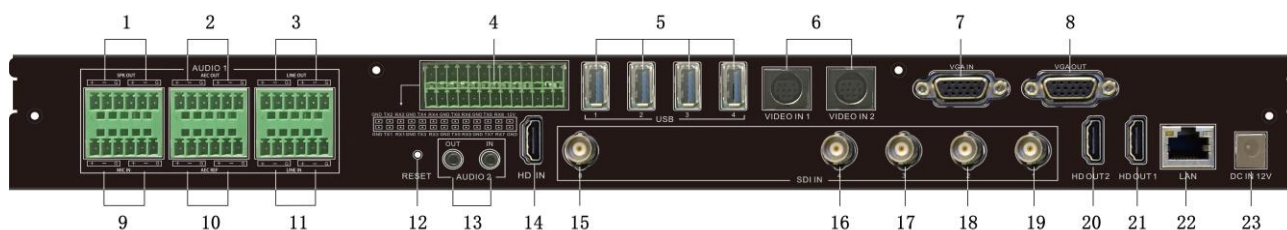
Rear Panel:

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No.	Connector	Statement
1	SPK Out	Output AEC REF and LINE IN audio
2	AEC Out	Output MIC IN and LINE IN audio
3	LINE Out	Output MIC IN, LINE IN and AEC REF audio
4	Control	Control port
5	USB port	USB3.0, can download file or connected with Keyboard
6	Video IN	Reserved
7	VGA IN	VGA signal input from PC
8	VGA Out	Output director image
9	MIC In	microphone audio input
10	AEC REF	Echo suppression/remote reference signal
11	LINE In	Audio input from PC or DVD player
12	RESET	Reset to factory setting
13	AUDIO IN/OUT	Reserved
14	HDMI IN	HD signal input, only can use when VGA in is disconnected
15	3G-SDI	Remote video conferencing signal input
16	3G-SDI	Student panorama signal input
17	3G-SDI	Podium panorama signal input
18	3G-SDI	Student close-up signal input
19	3G-SDI	Teach close-up signal input
20	HDMI OUT2	Connected to VC system, auxiliary stream
21	HDMI OUT1	Connected to VC system, main stream
22	LAN	Connected with network
23	Power input	DC12V input

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