

BEE 9 PLUS



Bee9 Plus is the latest product of Razr it supports 5 signal inputs, including 4-way SDI signals: teacher close-up, podium panorama, student panorama, remote video conferencing, and 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, podium panorama, student panorama, remote video conferencing and presentation. Bee9 Plus works with video conference system to achieve distance Learning, It's specialized for classroom's recording solution in education market.

FEATURES

 Multiple video sources supported, up to 5 video sources

 Advanced auto tracking technology

 Support 4K IP panoramic camera

 Support Movie mode and Resource mode



Exclusive 5-signal auto-switching technology



Embedded with audio processing function



USB 3.0 port copy file





FRONT



BACK



Specification

Model	Bee9 Plus
Operation	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	128 kbps
Audio Sample Rate	48 kHz
Director Mode	Three scenes, Four scenes
Speeacker tracking way	With auxiliary positioning camera
Audience tracking way	With analysis camera installed on ceiling
File Format	Movie mode & Resource mode
Language	English, Simplified Chinese, Traditional Chinese
Storage	2TB
Power	AC 100-240V/60W/2A
Dimensions	430mm*335mm*44.5mm (L*W*H)
Weight	10.0 kg
Relative Humidity	5% to 95%
Working Temperature	-20°C to 60°C
Storage Temperature	-40°C to 80°C

CAMERA



HD-930L

Image sensor	1/2.8-type HD CMOS
Effective pixels	2.14 million
Video format	1080p60/p50, 1080i60/i50, 1080p30/p25, 720p60/p50
Lens	20x optical zoom, 12x digital zoom f=4.7-94mm, F1.6 to F3.5
Electronic shutter	1/1 to 1/10,000 sec.
Minimum illumination	0.5 Lux (Multicolor), 0.1 Lux (Black & White)
Encoding	H.265/H.264, 1080p 60fps
Control	1 RS232 in, 1 RS232 out, 1 RS485 in
TF card	Yes, maximum support 64GB
Pan/Tilt speed Pan:	0.1° ~ 120°/sec., Tilt: 0.1° ~ 80°/sec.
Pan/Tilt range Pan:	±170°, Tilt: -30 ~ 90°
Preset	Up to 256, Preset accuracy ≤ 0.1°
Video output	3G-SDI, DVI-D (compatible with HDMI)
Control protocol	PELCO-D / PELCO-P / VISCA
Noise-signal ratio	≥50 dB
Digital noise reduction	2D/3D
Backlight compensation Support	Support
Audio	AAC, 1*3.5mm port (including 1* Line in, 1* Line out)
LAN	10M/100M Adaptive Ethernet interface, PoE optional
Networking protocol	HTTP, TCP, UDP, RTSP, RTMP, ONVIF
USB	1*USB port
Dual-stream	Support
Power	DC 12V, <20W
Working temperature	0°C ~ +40°C
Storage temperature	-20°C ~ +60°C
Dimension	243mm x 163mm x 145mm (L x W x H)
Weight / Color	1.2 kg / Silver gray



SD-400

Image sensor	1/3 OV4689 CMOS
Effective pixels	3.00 million
Minimal illumination	0.6 Lux @ F1.2 (multicolor), 0.08 Lux @ F1.2 (black and white)
Encoding	H.265/H.264
Video format	1080p30
Video output	RJ45
Video bit rate	32Kbps – 16Mbps adjustable, support CBR/VBR
S/N ratio	≥50dB
USB	1*USB, maximum support 128 GB (optional)
Protocol	TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP
Power	Power DC 12V/PoE (External POE module required) 3W maximum
Dimension	Dimension 58mm*50mm*50mm (L*W*H)
Weight / Color	Weight / Color 0.22 kg / black



HD-630L

Image sensor	1/3-type HD CMOS
Effective pixels	2.14 million
Lens	5x optical zoom, 2.8-14mm
Video format	1080p30/p25, 720p60/p50
Resolution	Maximum support 1920*1080@30fps
Video coding	H.264
Audio coding	AAC
Video output	SDI
LAN	100MB, Adaptive Ethernet port
Horizontal field	32°- 84°
Minimum illumination	0.5Lux
Support protocol	RTMP, RTSP, ONVIF, HTTP
TF card	Yes, maximum support 64GB
S/N ratio	≥55dB
Control	RS232/RS485, VISCA
Power	DC 9V-12V, <5W
Working temperature	-40°C ~ +60°C
Dimension	149mm*76mm*58mm (L*W*H)
Weight / Color	0.42 kg / Gray