



KZ-HD1080S

Student Tracking Camera + PTZ

Specifications

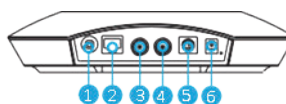
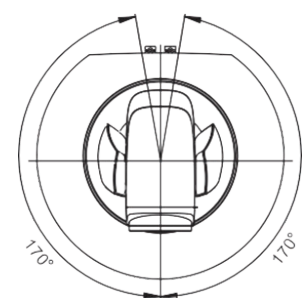
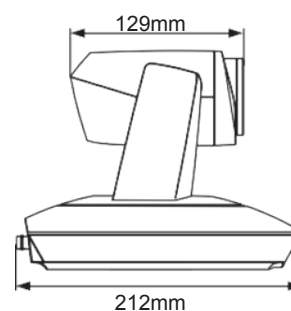
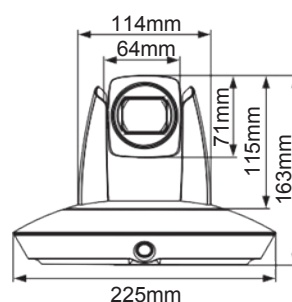
Model	KZ-HD1080S
Tracking Camera	
Image Sensor	1/2.8" Exmor CMOS, 2.14 megapixels
Focal Lens	f=4.7mm-94.0mm
Iris	F1.6-F3.5
Zoom	Optical 20x · Digital 12x
S/N Ratio	≥50dB
H Viewing Angle	59.5°~2.9°(1080P)
Focus System	Auto · Manual · PTZ · One Push
Min. illumination	0.5 lux (color) · 0.1Lux (B/W)
Shutter Speed	1/1 to 1/10,000s
Gain	Auto/Manual
White Balance	Auto · Manual · Indoor · Outdoor · One Push · Auto Tracking
Exposure Control	Auto · Manual · Shutter Priority · Iris Priority · Bright Priority
Built-in Website	IE only (No Edge · OS Win7 and up)
Video Format	1080P60 / 1080P50 / 1080P30 / 1080P25 / 1080I60 / 1080I50 / 720P60 / 720P50
Audio Compression	AAC
Protocols	ONVIF / HTTP / RTSP / RTMP / TCP / UDP
Multiple Streams	Four Streams (Dual Close-Up streams, Dual Panoramic streams)
PTZ	
Pan Angle	-170°~+170°
Tilt Angle	-30°~+90°
Pan Speed	0.1°~120°/s
Tilt Speed	0.1°~90°/s
Presets Number	256
Control Interface	RS-485 · RS-232
Network Interface	RJ-45(10 / 100M) · Optional POE
WIFI (optional)	2.4G / 5G
Protocols	PELCO-D/P · VISCA
Panoramic Camera	
Image Sensor	1/2.8" Exmor CMOS, 2.14 megapixels
White Balance	Auto
Exposure Control	Auto
Focus	Manual
Lens	3.4mm
Field of View	Horizontal: 72° · Vertical: 40°
General	
Power	DC12V
Power Consumption	< 20W
Operating Temp.	0°C~+40°C
Storage Temp.	-20°C~+60°C
Dimensions (W×H×D)	225mm×163mm×212mm
Weight	1.96KG
Body Color	Gray

Characteristics



- Can simultaneously output two channels of HD video up to two 1080p60 HD video outputs supported, which are in H.265/H.264 compression technologies.
- WDR, backlight compensation (BLC) and 2D/3D digital noise suppression are supported.
- Built-in high-speed processor, which adopts leading human detection and image tracking analysis algorithms to lock the target and identify the position without external tracking sensors or additional supportive camera.
- Detect students' upright and seated movements without any external tracking devices or auxiliary camera.
- Intelligent recognition of single or multi-persons standing and sitting movements, and transmit corresponding close-up positioning or panoramic shots.
- The tracking process will not be affected by the distance or height of the targets and auto-adjustment of automatic zoom functionality is embedded.
- Not limited by classroom size, shape or even a ladder classroom.
- There are eight blocking areas can be set up by a mouse clicking on the image directly.
- Four channels of streams are supported. Close-up and panoramic image can be transmitted in different resolutions at the same time.
- Smart exposure function to completely avoid the problems of darkening the target under strong light background such as windows.
- User-friendly interface and simple parameter settings through the network RJ-45 or RS-485/232 protocols to proceed OSD function configurations.
- Enabled to recognize the movement away from the seat after standing.

Appearance



1. Audio
2. Ethernet
3. HD-SDI 1
4. HD-SDI 2
5. RS232+RS485
6. Power6 (DC12V)

Applications



Multimedia
Recording Classroom



Training Center



Video Conference