

WINSAFE

Hybrid Classroom EPTZ AI Tracking Cameras System

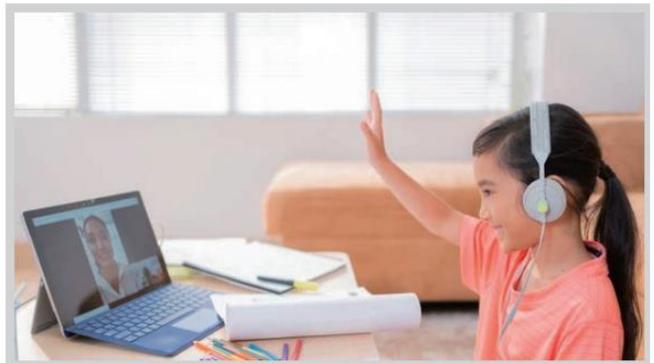
Lecturer Tracking Camera
LZC5-F79NV3

Student Locating camera
SZC5-F34NV3



EZC5-V3

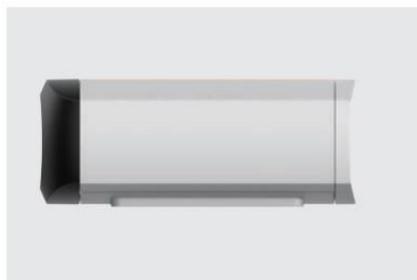
Under current global pandemic situation, hybrid classroom becomes very popular that part of students come to physical classroom whereas part of students stay at home and join class remotely, with the help of cloud based video conferencing technology together with intelligent AI tracking cameras, teaching & learning experience could be improved dramatically.



WINSAFE, as an experienced & professional manufacturer of AI tracking cameras have now proudly released EZC5 series EPTZ lecturer tracking cameras and students locating cameras in a view to helping teachers and students benefit from using hybrid classroom solutions.



Sneak Preview of the Camera



EZC5-V3 functiones



Built-in images swithing rule to switch among tracking & full view images of the cameras based on priority, outputs excellent switched video to record or steam, free of editing work.

- » 8MP, 1/2.8" 4K CMOS
- » Lecturer camera: 44° HFOV
- » Student camera: 82° HFOV

Others:

- » EPTZ Technology, can output close-up and full view images simultaneously
- » Support 4 steams, which are close-up dual steams and full view dual steams

Smart Lecturer Tracking Camera LZC5-F79NV3



Track even if lecturer wears mask.



Board Writing Mode, with deep learning technology, go to board writing preset & track once board writing is detected.



Auto adjust tilt angle as per lecturer's height.



Not track student who stands up, or waves hands.



Zone tracking on:
Persons move into saved preset area, cameras move to preset

Others:

- » Keep tracking if lecturer turns around or stands still for a while
- » Track lecturer only, not track other moving object.
- » Tilt Motion while tracking
- » Track with lights on / off
- » Not track moving objects on Projector

Smart Student Locating Camera SZC5-F34NV3



Detect and analyse all students in classroom

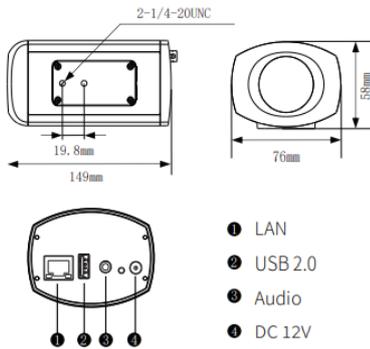


Only student who stands up is framed.

Others:

- Correctly frame student stands up from different angles
- Correctly frame student looks down or leaves seat
- Correctly frame student relaxes or plays.
- Correctly fram all students stand up, or wear mask.

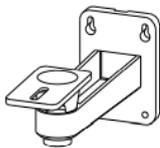
Dimensions



Technical Data

Model	LZC5-F79NV3	SZ5-F34NV3
Camera		
Image Sensor	1/2.8" CMOS,8.46MP	
Focal Lens	7.9mm	3.4mm
Iris	F=2.5	F=2.2
Field of View	44° HFOV	80° HFOV
White Balance	Auto, Manual, One Push	
Exposure Control	Auto, Manual, Shutter Priority	
DNR	2D/3D	
Video Output Format	4KP30	
SN Ratio	Above 50dB	
Image Flip	Support	
Video adjustment	Brightness, chroma, saturation, contrast and sharpness	
Intelligente Function	Lecturer Tracking	Student Locating
Interface		
USB	1 X USB2.0	
Network	RJ45 10/100M, POE Supported	
Audio	1 X LINE IN	
USB		
UVC	Support	
Image Compression	MJPEG/H.264/H.265	
Resolution	4KP30/25, 1080P30/25, 720P30/25, 360P30/25	
Operating System	Windows 7/8/10, Mac OS, Android OS	
Network		
Protocols	HTTP/TCP/UDP/RTSP/RTMP/ONVIF	
Protocols	VISCA	
Image Compression	H.265 / H.264	
Audio Compression	AAC	
More Stream	Main stream, Sub stream, The third stream, The fourth steam	
Resolution	Max 4kP30 Main stream: 1080P30/25, 720P30/25, 360P30/25 Sub stream: 4KP30/25, 1080P30/25, 720P30/25, 360P30/25 The third stream: 720P30/25, 360P30/25 The fourth stream: 1080P30/25, 720P30/25, 360P30/25	
General		
Power	DC 12V	
Power Consumption	Below 5W	
Operating Temperature	0°C - +40°C	
Storage Temperature	-20°C - +60°C	
Dimension(W X H X D)	149mm X 76mm X 58mm	
Weight	0.42KG	

Optional



Accessories

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