



Description

This camera is an industry-leading smart cloud mirror camera dedicated to the fields of education and conferencing. The camera integrates the industry-leading 4K ultra-high-definition imaging technology, image encoding and decoding technology, video analysis technology and electronic pan-tilt motion control technology, and has a built-in industry-leading intelligent behavior analysis algorithm, achieving teacher tracking and student positioning effects comparable to traditional mechanical pan-tilt binocular cameras. A single lens can achieve multi-angle shooting and switching. It is easy and reliable to use, and meets the requirements of normalized teaching.

Feature

- *Supports 8.46MP 1/2.8 inch CMOS sensor and supports digital zoom function.
- *Supports 3840x2160@30fps resolution network stream output and is backward compatible.
- *The camera has a horizontal field of view of 82° and a vertical field of view of 51°.
- *It supports four-channel stream output at the same time, namely two-channel stream for close-up shots and two-channel stream for panoramic shots, and can support simultaneous RTMP streaming of close-up and panoramic shots.
- *Built-in deep learning-based intelligent video algorithm for teacher tracking or student positioning, a single camera can simultaneously achieve panoramic view and tracking close-up view shooting.
- *By applying the behavior recognition algorithm based on skeleton key points, the teacher's computer can directly recognize the teacher's blackboard writing actions.
- *The student tracking algorithm based on deep learning significantly improves the detection rate with extremely low false positive rate.
- *The pupil tracking algorithm can adapt to various standing angles and various irregular standing processes.
- *It has 1-channel USB interface, supports UVC function, and is compatible with various mainstream conference software and platform software.
- *It has 1-channel RJ45 network port and supports POE function.



Specification

Image sensor	1/2.8 inches, CMOS, 8.46MP
Focal length	f=3.4mm
Aperture	F=2.2
Horizontal field of view	Horizontal 82°, Vertical 51°
Shutter speed	1/60s to 1/10,000s
Gain	Automatic/Manual
Exposure mode	Auto, Manual, Shutter Priority
White balance	Automatic, manual, one-button trigger
Digital zoom	8x
Smart features	Student Orientation
USB interface	USB 2.0×1, supports UVC
Audio interface	1-way 3.5mm LINE IN interface
Network interface	1 RJ45 network port, support POE power supply
Video format	M-JPEG, H.264, H265
Resolution	4K30/25, 1080P30/25, 720P30/25, 360P30/25
Platform OS	Support Windows 7/8/10, Mac OS, Android OS
Network interface	RJ45 10/100M, support POE
Main stream	1080P30/25, 720P30/25, 360P30/25
Substream	4K30/25, 1080P30/25, 720P30/25, 360P30/25
The third stream	720P30/25, 360P30/25
The fourth stream	1080P30/25, 720P30/25, 360P30/25
Video compression	H.265 / H.264
Audio compression	AAC
Network protocol	HTTP, TCP, UDP, RTSP, RTMP, ONVIF
Browser access	support
Multi-code stream	4-channel code stream: main code stream, sub-code stream, third code stream, fourth code stream
Control protocol	VISCA
Address range	0~63 (soft address)
Power supply	DC 12V
Power consumption	<5W
Operating temperature	0°C ~ 40°C
Storage temperature	-20°C ~ 60°C
Dimensions (L x W x H)	149 mm×76 mm×59 mm
Weight	0.5kg