



EPTZ Auto-tracking Camera CLASS790T

CLASS 790T camera has perfect functions and superior performance, which employs advanced ISP processing algorithms so as to provide vivid images with evenly clear brightness, strong color layering, high resolution, and fantastic color rendition. Easy and convenient to install and maintain, stable and reliable.



Features:

- **Intelligent Auto-tracking:** The leading image recognition and tracking algorithm enable the camera auto-track the target accurately and fast.
- **Anti-interference:** Identified shielding area setting make sure the camera always track the target and not be affected by other moving objects or projector.
- **Stable tracking:** the motion sensitivity can be adjusted; small movement or hand movement of the target will not trigger camera wrong operation
- **Strong environmental adaptability:** the camera tracking performance is not affected by the classroom size, shape and seating arrangement.
- **Multiple tracking modes:** tracking mode, movie mode, and zone tracking mode
- **Ultra wide dynamic exposure function:** it avoids the darkening problem of tracking target under strong light background such as projector
- **Ultra HD:** 1/2.8 inch high quality 4K CMOS sensor.
- **Wide-angle non-distortion lens:** ePTZ control and 3X digital Zoom
- **Low Noise and High SNR:** Low Noise CMOS effectively ensure high SNR of camera video, even in low light condition.
- **Multiple Video compression:** H.265, H.264, MJPEG
- **Multiple Video Output:** SDI, USB3.0, LAN (1000M, POE)
- **Multiple stream Output:** It supports five code streams. Outputting main code stream, sub-code stream, Panoramic stream, panoramic sub-code stream and blackboard-writing stream.

- **LAN supports POE:** Power, control, video transmission by one cable
- **Installation:** Wall and ceiling installation
- **Control:** RS422 and LAN

Technical Specifications:

Model Number	CLASS790T
Camera Parameter	
Image Sensor	1/2.8 Inch High Quality 4K CMOS Sensor
Effective Pixels	8.28MP, 16:9
Video Format	SDI:1080P@30fps/25fps; 720P@60fps/50fps/30fps/25fps; USB3.0:1920X1080P30 fps /25 fps; 1280X720P60 fps /50 fps /30 fps /25 fps ; 960X540P30 fps; 640X360P30 fps; 640X480P30 fps; 352X288P30 fps; 960X540P30 fps; 800X600P30 fps; 800*600P30 fps; USB3.0 is downward compatible with USB2.0
View Angle	57.2° (D) /47° (H) /36° (V)
Focus	f=7.23mm
Aperture	F2.4±5%
Digital Zoom	3X
Minimum Illumination	0.5 Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push//3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Focus	Auto / Manual/ One Key Focus (MG200C-AM)
Exposure	Auto / Manual
Backlight contrast	On/off
SNR	≥55dB

Interfaces	
Video Output	SDI, USB 3.0, LAN (10M/100M/1000M Adaptive Ethernet port, POE)
Video Compression format	MJPEG / H.264 / H.265
Audio In	Double channel 3.5mm linear input
Audio Compression	AAC, MP3, G.711A
Internet Protocol	RTSP, RTMP, ONVIF, GB/T28181
USB communication protocol	RS422, RS485, LAN
Communication Protocol	VISCA, Pelco-D, Pelco-P, Baud rate 115200/38400/9600/4800/2400, VISCA over IP

Other Parameters	
Input Voltage	Power adapter: 12V POE: 48V
Input Current	Power supply: 0.42A (max) POE: 0.104A (max)
Power consumption	5W(Max.)
Store Temperature	-10℃ ~ +60℃
Store Humidity	20% ~ 90%
Working Temperature	-10℃ ~ +50℃
Working Humidity	20% ~ 80%
Dimension (WXHxD)	148.8mm×76mm×76mm

Weight	Around 0.53kg
Application	Indoor
Accessory	User Manual, USB3.0 Cable



Dimension (unit: mm)

