

# Teacher camera TQ800



## product features

- Two scenes appear at the same time, classroom panorama and close-up "one-click control"

The single lens dual shot design enables one eye to see two pictures. The whole class panorama and teacher close-up pictures are output simultaneously.

- AI smart tracking, Close-up of the board "Auto Focus"

AI intelligent tracking technology, accurately lock the teacher's figure, automatically enlarge the blackboard content.

- Intelligent director, The screen transitions are seamless

The screen is automatically switched according to the teaching scene, and the switch is pushed without manual intervention.

- Ultra HD quality, Restore the real teaching scene

Ultra HD resolution, so that every class can be preserved in the clearest and most authentic state.

- Intelligent AI, teaching interaction more efficient

It has the function of teacher tracking, which can automatically and accurately identify the location of students and teachers, realize intelligent tracking and shooting, and teachers do not need to manually operate the equipment.

- Convenient connectivity, Easy to integrate into the teaching environment

Supports POE power supply, which requires only one network cable to realize both power supply and data transmission, and is simple and convenient to install and deploy.

- Compact and light, Adapt to various teaching Spaces

It can be naturally integrated into a variety of teaching environments. Whether it is a traditional classroom, multimedia classroom or remote teaching scene, it can be easily placed and used.

- The "magic wizard" of classroom records

The built-in intelligent person recognition algorithm can automatically identify the teacher in the classroom, and track the teacher's movement trajectory in real time.



Camera parameters

Image sensor type / pixels	1/2.8 inch CMOS, 8.46 megapixels
Lenses-focal length	fixed focal length
Lenses-Field of view	Horizontal 44° / Vertical 25°
Low-light performance-Minimum illumination	1Lux (color)

outside I/O

Network interface-type protocol	RJ45 10/100M, supports POE power supply
USB interface-type/function	*1 USB 2.0 Device
Audio Interface-LINE IN	*1

Video processing performance

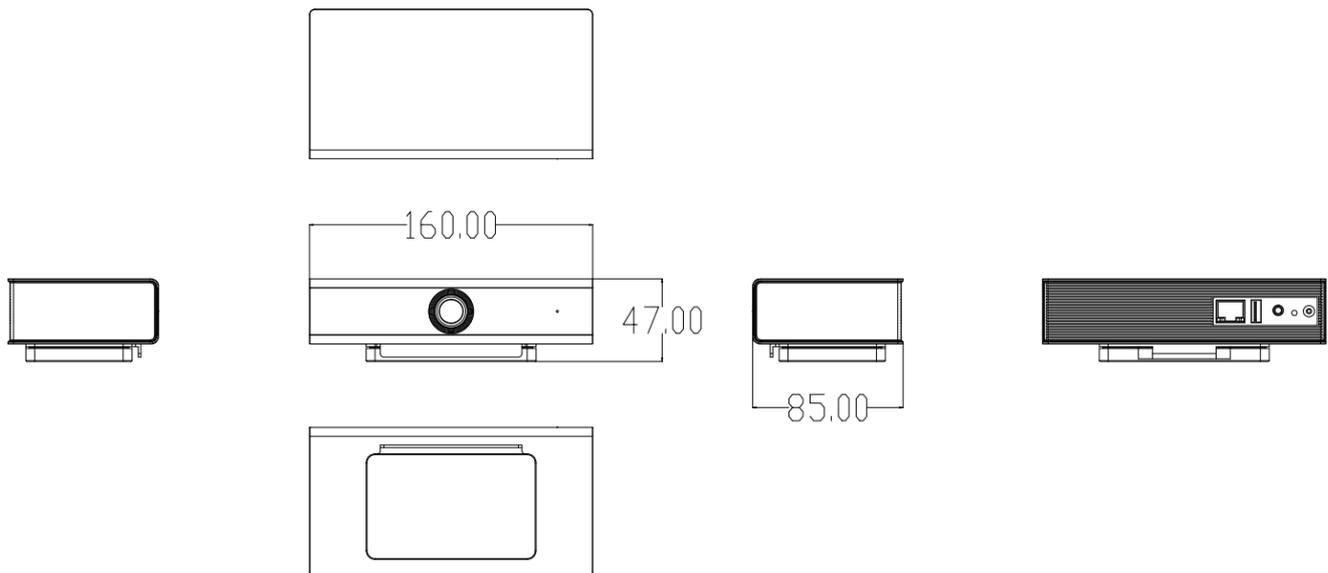
Resolution-Maximum support	4K@30fps (3840×2160)
Compression format-video	H.265/H.264/MJPEG
Compression format-audio	AAC
Capacity for multiple code streams	4 Independent bitstreams: <ul style="list-style-type: none"> <li>• Main code stream: 1080P@30fps</li> <li>• Subcode stream: 4K@30fps</li> <li>• Third / Fourth code stream: 720P/360P@30fps</li> </ul>

AI recognition-core capabilities Teacher tracking

General norms

Control protocols-supported types	VISCA/PELCO-D
System compatibility-OS support	Windows 7/8/10, Mac OS, Android
Browser access-whether it is supported	yes
Size-Length × Width × Height	149mm×76mm×58mm
Weight-net weight	0.42kg
Body colour-exterior	white
Working temperature-range	0°C ~ +40°C
Storage temperature-range	-20°C ~ +60°C
Power supply-type/ specification	DC 12V

product size



Contact Us:  
sales@amdox.com



Facebook:  
Sunvol Board



YouTube:  
SUNVOL



Website:  
www.amdox.com