

MAXHUB Capture System

EW20T/EW20S 4K Teacher/Student Camera

Discover the power of EW20T/EW20S camera system that delivers ultra-clear, high-definition images in classrooms. With the ability to support dual HD images, the cameras seamlessly switch between close-up and panoramic views, capturing every detail with precision and ease. Simple layout where power supply, remote control, and transmission can all be completed by a single cable, making them easy to install and use.



4K Ultra High Definition

Supports 4K ultra high definition, providing maximum image coding output with ultra high resolution.



Intelligent Teaching Tracking

Built-in image recognition and tracking algorithms that achieve smooth tracking effects without auxiliary positioning cameras or tracking hosts. Supports teacher tracking mode and student tracking mode.



Distortion-Free Lens

Distortion-free lens with a wide-angle field of view of up to 42°/95°. Supports EPTZ, allowing for larger and clearer view.



PoE Support

Supports PoE power supply, enabling control, power supply, video, and audio to be completed with just one network cable.

Camera

Sensor Type	1/2.8 inch, CMOS, 8.46 million pixels
Scanning Method	Progressive
Teacher Camera	Focal length: f=7.2mm, Horizontal FOV: 42°
Student Camera	Focal length: f=2.8mm, Horizontal FOV: 95°
Auto Focus	Supports
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Electronic Shutter	1/30s ~ 1/10000s
White Balance	Auto, indoor, outdoor, one-touch, manual, specified color temperature
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Supports
EPTZ	Supports
Digital Zoom	8x
PoE Power Supply	Supports
Teaching Auto Tracking Function	Teacher mode / Student mode

Network Features

Video Coding Standard	H.264/H.265/MJPEG
Video Stream	First, Second, Third, Fourth Stream
First Stream Resolution	1920×1080, 1280×720, 1024×576, 960×540, 640×480, 640×360
Second Stream Resolution	3840×2160, 1920×1080, 1280×720, 1024×576, 720×576 (50Hz support), 720×480 (60Hz support), 720×408, 640×360, 480×270, 320×240, 320×180
Third Stream Resolution	1024×576, 960×540, 720×576 (50Hz support), 720×480 (60Hz support), 720×408, 640×360, 480×270, 320×240, 320×180
Fourth Stream Resolution	1024×576, 960×540, 720×576 (50Hz support), 720×480 (60Hz support), 720×408, 640×360, 480×270, 320×240, 320×180
Video Bitrate	32Kbps ~ 16384Kbps
Bitrate Control	Variable Bitrate, Fixed Bitrate
Frame Rate	1~ 25fps
Audio Compression Standard	AAC/G711a
Audio Bitrate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Protocol Support	TCP/IP, UDP, HTTP, RTSP, RTMP, ONVIF, DHCP, UDP, etc.

I/O Port

Network Interface	RJ45: 10M/100M adaptive Ethernet port, PoE supported
Power Interface	DC-005 type (DC 12V)

Electrical Parameters

Input Voltage	DC 12V / PoE (IEEE802.3af)
Input Current	0.5A (max)
Power Consumption	6W (max)

Accessories

Wall Mount Bracket	×1
Bracket Installation Parts	×1
Quick Start Guide	×1

Physical Parameters

Structural Size	115×85×39mm (excluding bracket)
Packing Size	254×135×82mm
Net Weight	0.29Kg (including bracket)
Gross Weight	0.45Kg

Environmental Conditions

Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Operating Humidity	10% ~ 90%RH
Storage Humidity	10% ~ 90%RH
Altitude	Below 5000 meters

Statement

Size and weight vary by configuration and manufacturing process, please refer to the actual product.

The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product.

The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance.

Should the above-mentioned change in the document become necessary, the document may be updated without written notice.