

# MAXHUB Capture System

## PTZ Camera

Model: EP30

The EP30 PTZ Camera revolutionizes visual capture with its cutting-edge technology, ensuring unparalleled image quality and innovative features. Designed for versatile applications such as education recording, remote education, video conferencing, live streaming, and broadcasting, the EP30 PTZ Camera delivers top-tier performance that meets the demands of modern digital environments.



### 4K Ultra HD Resolution

Equipped with a high-quality 1/2.8 inch UHD CMOS sensor, capable of delivering 4K images with up to 8 million pixels. It also supports lower resolutions like 1080P and 720P, providing flexibility for various use cases.



### Upgraded AI Technology

The EP30 leverages upgraded AI technology with pedestrian re-identification, allowing it to accurately track and identify individuals based on attire, body shape, hairstyle, and facial features.



### Next-Generation ISP Image Processing

The camera features a new generation ISP image processing algorithm that enhances white balance and automatic exposure. This results in significantly improved image output performance and outstanding imaging effects.



### Comprehensive Connectivity

Offers a wide range of interface options including HDMI, USB 3.0, and network audio/video output, making it a versatile solution for various integration needs.

## Camera

Sensor Type	1/2.8 inch, CMOS, 8.29 million pixels
Scanning Method	Progressive
Lens Focal Length	F = 1.8 ~ 2.68
Auto Focus	Supports
Zoom	40x hybrid zoom, 12x optical zoom
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Electronic Shutter	1/30 s ~ 1/10000 s
White Balance	Auto, indoor, outdoor, one-touch, manual, specified color temperature
Digital Noise Reduction	2D, 3D digital noise reduction
Signal to Noise Ratio	≥ 55 dB
FOV	HFOV: 72.5° ~ 6.9° VFOV: 44.1° ~ 3.8°
Rotation Range	Horizontal: ± 170° Vertical: -30° ~ +90°
Rotation Speed Range	Horizontal: 1.7° ~ 100°/s Vertical: 1.7° ~ 69.9°/s
Horizontal & Vertical Flip	Supported
Feature	Backlight Compensation Image Freeze
Preset Position	255
Preset Accuracy	0.1°

## Network Features

Video Coding Standard	H.264/ H.265/ MJPEG
Video Stream	First, Second Stream
First Stream Resolution	3840 x 2160@60fps, 3840 x 2160@50fps, 3840 x 2160@30fps, 3840 x 2160@25fps, 1920 x 1080@60fps, 1920 x 1080@50fps, 1920 x 1080@30fps, 1920 x 1080@25fps, 1280 x 720@30fps, 1280 x 720@25fps, 1024 x 576@30fps, 1024 x 576@25fps. Default: 1920 x 1080@30fps
Second Stream Resolution	1280 x 720@30fps, 1280 x 720@25fps, 1024 x 576@30fps, 1024 x 576@25fps, 720 x 640@30fps, 720 x 640@25fps. Default: 1024 x 576@30fps
Video Bitrate	32 Kbps ~ 20480 Kbps
Bitrate Control	Variable Bitrate, Fixed Bitrate
Frame Rate	50 Hz: 2 fps ~ 50 fps, 60 Hz: 2 fps ~ 60 fps
Audio Compression Standard	AAC, G711A
Audio Bitrate	64 Kbps, 96 Kbps, 128 Kbps, 256 Kbps
Protocol Support	TCP/ IP, HTTP, RTSP, RTMP/RTMPS, Onvif, DHCP, Multicast, GB28181

**I/O Port**

HDMI Out ×1	HDMI 1.4b
RJ45 ×1	10M/ 100M adaptive ethernet port
Line In ×1	3.5 mm audio interface
Line Out ×1	3.5 mm audio interface
USB-A ×1	USB 3.0
RS232 In ×1	Communication interface
RS232 Out ×1	Communication interface
RS485 ×1	Communication interface
Power Port ×1	JEITA type (DC In 12V)

**Electrical Parameters**

Input Voltage	DC 12V/ PoE(802.3af)
Input Current	1.0A (max)
Power Consumption	12W (max)

**Physical Parameters**

Product Dimension (W × D × H)	146 × 170 × 168 mm
Shipping Dimension (W × D × H)	1 pc: 295 × 245 × 243 mm 4 pcs: 610 × 510 × 265 mm
Net Weight	1.5 Kg
Gross Weight	1 pc: 3.4 Kg 4 pcs: 14.9 Kg

**Accessories**

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

**Environmental Conditions**

Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°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.

# MAXHUB

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