



TZ1702AI4K

4K Webcam With AI Technology

4K / 110° Wide-angle Lens / USB 3.0 / AI / WDR



Product Features

● UHD With Ultra-wide FOV Angle

A new generation of UHD CMOS image sensor with 4x effect of high-definition images and shoots 4K videos with full details. With the ultra-large viewing angle 4K lens, the panoramic view is unobstructed.

● USB 3.0

The USB 3.0 port can provide power supply, videos and audios, and support 2 USB video signal sources (optional) + 1 audio source.

● Beamforming Microphone Array

The built-in beamforming microphone array has a unique noise suppression algorithm and automatic gain algorithm for a pickup distance up to 6 m to perfectly record your voice.

● AI Capability

The multi-layer convolutional neural network and the cutting-edge deep learning algorithm inject intelligent features into cameras; high-quality analytic data is available through open APIs.

● Auto Framing

The screen's view angle is automatically adjusted depending on the people within the detection range through the cutting-edge deep learning algorithm to avoid manual adjustment of camera and provide you with new experience.

● AI Tracking

Embedded NNE hardware uses the deep learning technology to extract the target's characteristics and allow smooth face tracking, no matter where the face is facing. The product is applicable to automatic tracking of speakers in lecture and presentation.

● AI Gesture Control

A new generation of intelligent human-computer interaction, think as you want, move with your hand.

● WDR

Support WDR, easily cope with different lighting environments, no matter how harsh the environment is, you can also restore the most real you.

Product Specifications

Camera

Sensor	1/2.7 inches, CMOS, Effective Pixels: 829 Megapixels
Type of Lens Mount	M12
Lens II	Focal length: f=3.5mm, Horizontal FOV: 84° Auto focus
Shutter	1/30s ~ 1/10000s
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Camera Stand	The standard configuration includes a damping rotary support



USB Features

Operating System	Windows® 7 (only 1080p and below are supported) Windows 8.1, Windows 10 or higher versions macOS™ 10.10 or higher versions Google™ Chromebook™ Version 29.0.1547.70 or higher versions Linux (support for UVC needed)
Color System / Compression	H.264 / MJPEG /YUY2 /NV12
USB Video Communication Protocol	UVC 1.1



General Specifications

Input Voltage	5V (USB Power Supply)
Operating Temperature	0° C ~ 40° C
Power Consumption	3.0W(Max.)

Interfaces

USB Interface	1x USB 3.0, Type-C
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