



# PTZ3X

Ease Mini Video PTZ 1080p HD Camera, 120° Vertical Tilt Angle 340° Horizontal Pan Angle And 3x Optical Zoom. Small Size Like A Webcam, But With More Professional And Flexible Control For Online Conference.

## Product Features

### AI Humanoid Tracking

Using the deep learning technology to extract the target's characteristics and allow smooth face tracking, no matter where the face is facing. It is suitable for application scenarios such as presenter automatic tracking and can flexibly select tracking targets.

### 90° Wide-Angle Lens

Adopts 90° high-quality ultra-wide focal lens, providing a panoramic view.

### 1080P Full HD Ultra-Wide-Angel Without Distortion

1080P HD Mini Video PTZ camera has a 120° vertical tilt angle, 340° horizontal pan angle, and 3X optical zoom + 16 x Digital Zoom. Small size like a webcam, but with more professional and flexible control.



### TOF High-Speed Focusing

Equipped with a laser-assisted focusing instrument and realize high speed and accurate auto focusing through the advanced auto focusing algorithm.

### Auto Framing

Support auto framing to meet requirements of online interactions.

### Full HD Image Sensor

2.07<sub>M</sub>  
Effective Pixel

1920\*1080<sub>RESOLUTION</sub>  
Maximum

1/2.9<sub>Inch</sub>  
CMOS



### 90° Wide-angle Lens + 16x Digital Zoom

Adopts 90° high-quality ultra-wide focal lens, supports 3x optical zoom+ 16x digital zoom.



# Product Specifications

## Camera

Sensor	1/2.9" CMOS, Max Effective Pixel
Scanning Mode	Progressive
Lens	3x, f3.35mm ~ 10.05mm, F1.7 ~ F3.0
Digital Zoom	16x
Shutter	1/30s ~ 1/10000s
Minimum Illumin	0.5 Lux @ (F1.8, AGC ON)
S/N	≥55dB
White Balance	Auto, Indoor, Outdoor, One Puysh, Manual, VAR
Horizontal Angle of View	90° ~ 30.7°
Vertical Angle of View	52° ~ 18.4°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Tilt Speed Range	2.7° ~ 31.5°/s
Pan Speed Range	2.7° ~ 35.7°/s
Backlight Compensation	Support
H & V Flip	Support
Image Freezing	Support
Number of Presets	255
Preset Accuracy	0.1°

## USB Features

Operating System Supported	Windows 7, Windows 8, Windows 10, Windows 11, Mac OS X, Linux, Android
Video Format	YUY2 (Isochronous mode) Max 640 x 480P30 MJPEG Max 1920 x 1080P30
Color System / Compression	YUY2 / MJPEG
Audio on USB	Support
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support



## Input/Output Interface

USB Interface	1 x USB 2.0, Type-C;
InAudio Input	Built-in Dual Mics
Communication Interface	1x RS232
Power Jack	JEITA (DC IN 12V) / USB Type-C (DC IN 5V)

## General Specifications

Input Voltage	DC 12V/5V (USB Power Supply)
Input Current	12V 1.0A(Max)/ 5V 1A(Max.)
Operating Temperature	-10 ~ 40°C
Storage Temperature	-40° C ~ 60°C
Power Consumption	12W (Max.)
MTBF	>30000 H
Dimension	144mm x 144mm x 167.9mm
Net Weight	0.444 Kg

