

Teachmint X

4K Auto Tracking PTZ Camera with Gesture Control

Begin Tracking

Zoom In

Zoom out

Stop Tracking

Pan:±170°
Tilt:-30°+90°

TOF
Time-of -Flight Sensor

10x
Optical zoom

4 Mic
Array

4K
30fps

HDMI

Features

- 8.3MP 1/2.8" Sony CMOS Sensor: Ensures high-quality image capture.
- 4K Ultra HD Video: Supports 4K/30fps, 1080P/30fps, and 720P/30fps for crystal-clear visuals.
- 10X Optical Zoom: Provides sharp and detailed images for any scenario.
- Interface Options: Equipped with USB-C and HDMI ports for seamless connectivity with various devices.
- Built-in 4cs Microphone: Supports 10m pickup range, providing clear audio for small to medium-sized meeting rooms.
- Speaker Tracking: Automatically detects and follows the active speaker, ensuring they remain perfectly framed during the meeting.
- TOF (Time-of-Flight Sensor) (Optional): Enhances depth sensing for precise focus and tracking.
- Smart Gesture Control: Allows intuitive single-person tracking and zoom adjustments with simple gestures.

Rear view



Front view



Product Specification

Camera, Lens parameters	Image Sensor	4k 1/2.8 inch CMOS sony sensor
	Min Lux	0.1Lux(F1.2)
	Effective Piexl	8.3 MP
	Zoom	10X Optical
	Shutter Speed	1 to 1/10000s
	Focal Lens	2.8mm Fixed / f=5.1mm-51.0mm, F=1.8(W)-2.5(T)
	Horizontal Field of View	61.5°~7°
	Frame Rate	3840*2160, 1920×1080, 1280×720, 640×480
	Focus Mode	Auto
	Aperture Mode	Auto
	Backlight Compensation	Support
	Wide Dynamic	Support
	Picture Adjustment	Brightness, Chroma, Saturation, Contrast, Acut
Microphone parameters	MIC Array Quantity	4
	MIC Array Form	linear
	Microphone Spacing	45.8mm
	Sampling Rate	16KHz/48KHz
	Sensitivity	-29dBFs
	Far-field Pick up Voice Distance	0-10meters
	Horizontal Voice Pick up Angle	Horizontal 180°
	SNR	65.5dB
	Communication Mode	full duplex
Interface Parameter	Video Interface	USB2.0, HDMI
	Video Compressed Format	YUY2/H2.64/H2.65/MJPEG
	Control Interface	USB2.0, UVC
PTZ Parameter	Pan Rotation	-170°~ +173°
	Tilt Rotation	-30°~ +90°
	Horizontal Rotate Speed	0.1~100°/second
	Vertical Rotate Speed	0.1~80°/ second
Other Parameters	Power Adapter	D C12V/2A
	Decoder	Built in
	Input voltage	DC12V
	Power Consumption	12W MAX
	Storage Temperature and Humidity	-10°C ~ +60°C / 20% ~ 95%
	Working temperature and Humidity	-10°C ~ +50°C / 20% ~ 80%
	Operating Environment	Indoor
	Preset	1~9
	Size	160.7*115.1*131.4mm
	Weight	600g

Bengaluru:
5th Floor, North Wing, SJR The Hub,
Sarjapur Main Road, Bengaluru - 560103,
Karnataka, India

Singapore:
9 Raffles Place,
#24-01 Republic Plaza,
Singapore 048619

Manila:
11th Floor, Insular Life Building,
6781 Ayala Avenue, Corner Paseo de Roxas,
Makati, Metro Manila, Philippines

Scan for Setup & Support

support@teachmint.com | 080-35073710

*Terms and conditions apply.