

EMEET E3138

EMEET PIXY Dual-Camera AI-Powered PTZ 4K Webcam Instruction Manual

Model: E3138

1. INTRODUCTION

The EMEET PIXY is a sophisticated dual-camera AI-powered PTZ (Pan-Tilt-Zoom) 4K webcam designed for high-quality video streaming, online meetings, and content creation. It integrates advanced AI features for intelligent tracking, autofocus, and audio processing to enhance your visual and auditory experience.

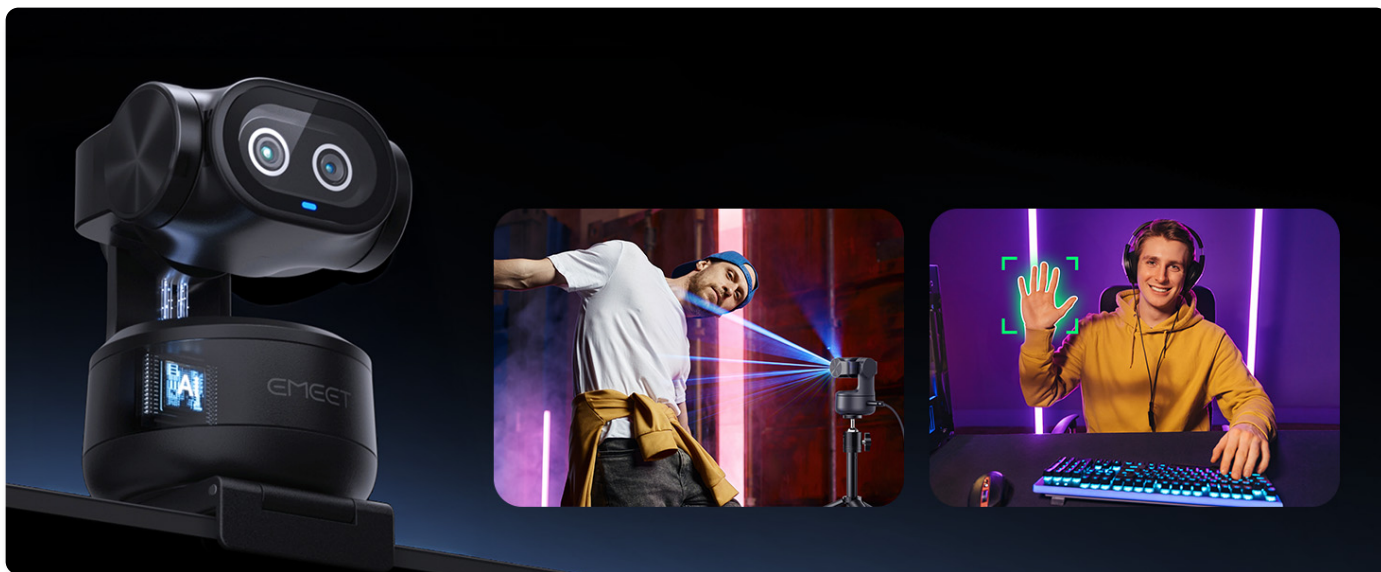


Image: EMEET PIXY Dual-Camera AI-Powered PTZ 4K Webcam overview.

2. SETUP

2.1 What's in the Box

What's in the box

- 1 EMEET PIXY * 1
- 2 Webcam Clip * 1
- 3 USB C-A Adapter * 1
- 4 5 ft USB C-C Cable * 1
- 5 Mini Tripod Clip Base * 1
- 6 Product Quick Start Guide * 1
- 7 Quality Manual (Printed on Box for Convenience)* 1
- 8 User Manual * 1



Image: Contents of the EMEET PIXY product packaging.

- EMEET PIXY Webcam x 1
- Webcam Clip x 1
- 5 ft USB 2.0 C-C Cable x 1
- Type-C to A adapter x 1
- User Manual x 1

2.2 Physical Installation

The EMEET PIXY can be mounted using the included webcam clip or a tripod (sold separately).

1. **Using the Webcam Clip:** Attach the webcam clip to the bottom of the PIXY camera. Place the camera with the clip securely on top of your monitor or laptop screen. Adjust the angle as needed.
2. **Using a Tripod:** The camera base features a standard tripod screw mount. Attach the PIXY directly to a compatible tripod for flexible positioning.

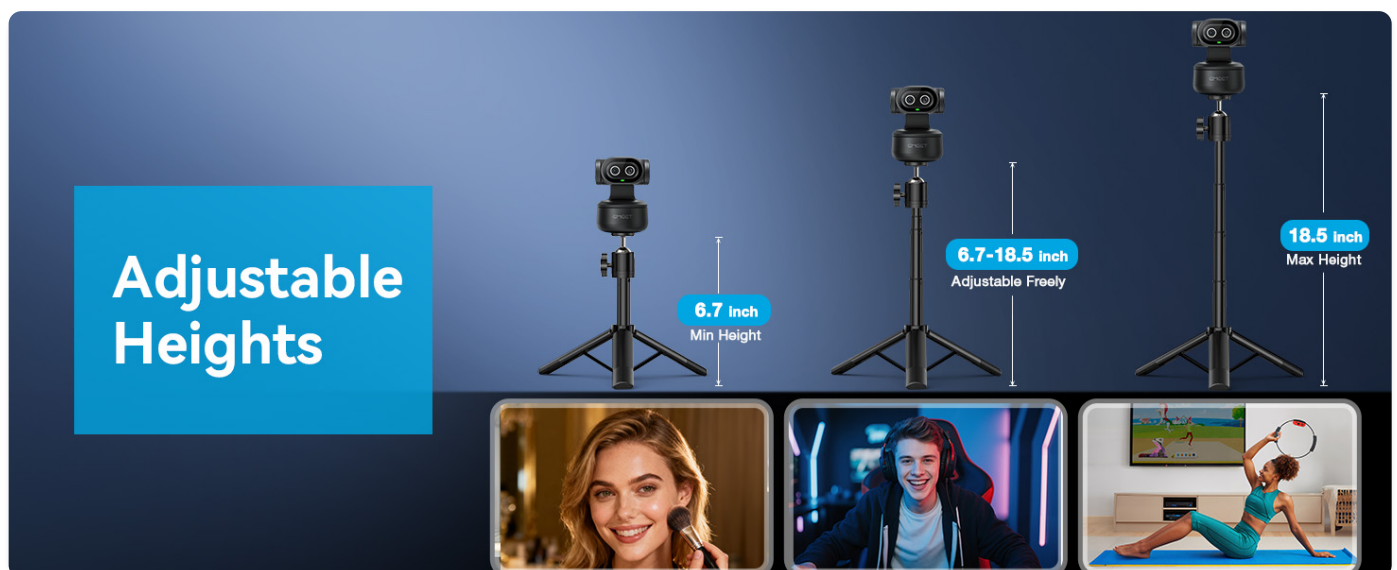


Image: Demonstrates various mounting options and adjustable heights for the EMEET PIXY.

2.3 Connection

Connect the EMEET PIXY to your computer using the provided USB-C to C cable. If your computer only has USB-A ports, use the included Type-C to A adapter.

- Plug the USB-C end of the cable into the camera.

- Plug the other end (USB-C or USB-A with adapter) into an available USB port on your computer.
- The camera is plug-and-play and should be recognized by your operating system automatically.

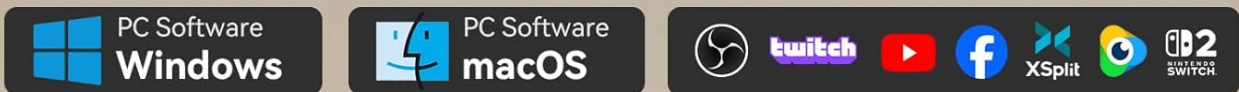
2.4 Software Installation

For full control and advanced features, download and install the EMEET STUDIO software from the official EMEET website. EMEET STUDIO is compatible with Windows 10+ (64-bit) and macOS 10.14+.

EMEET STUDIO

AI scripts, multi-cam setup, and full device control in one place.

*Switch 2 Camera Support



USB C-C & C-A
Plug and Play



Image: EMEET PIXY connected to a laptop, showing the EMEET STUDIO software interface and USB connection.

3. OPERATING INSTRUCTIONS

3.1 Dual-Camera AI-Powered PTZ Features

The EMEET PIXY features a unique dual-camera system for enhanced performance:

- **4K Main Imaging Camera:** Equipped with a 1/2.55" Sony sensor and PDAF focus for ultra-clear UHD 4K@30FPS video.

- **Auxiliary AI Camera:** Detects face position to optimize autofocus and exposure, ensuring flawless skin tones in various lighting conditions.
- **PDAF & AI Autofocus:** Combined for rapid 0.2s focusing, significantly faster than conventional webcams.

Dual Cameras

Up to 4K 30FPS, 1080P 60FPS

4K

Imaging Camera

- Sony 1/2.55" Sensor
- UHD 4K@30FPS
- PDAF Autofocus

AI

Assisted Camera

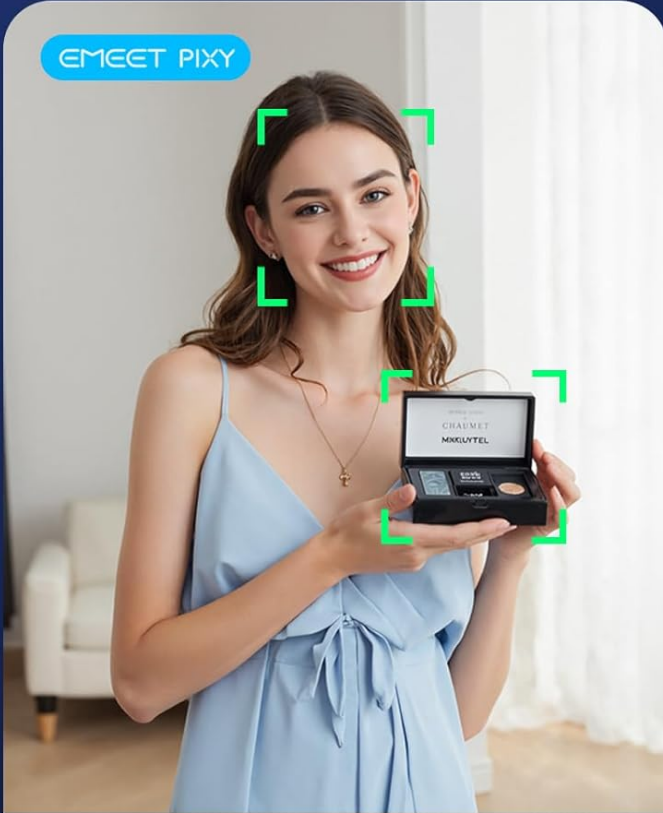
- Better Facial Imaging
- Targeting for Faster, Clearer, and Steadier Autofocus

Image: Diagram highlighting the 4K imaging camera and AI-assisted camera components of the EMEET PIXY.

Blink Focus

Pro Dual-camera Autofocus Technology

EMEET PIXY



Focus Speed

0.2s

Focus Accuracy Based on 2D+3D

95%

Other Webcam



Focus Speed

1.1s

Focus Accuracy Based on 2D only

60%

Image: Visual comparison demonstrating the rapid 0.2s autofocus speed of EMEET PIXY.

3.2 Intelligent Tracking and Gesture Control

The PIXY utilizes a 3-chip AI system for smooth and responsive tracking:

- **3-Chip AI:** Dedicated chips for imaging, AI assistance (motion prediction, lighting), and PTZ control (310° pan / 180° tilt).
- **Gesture Control:** Activate features by holding an open palm centered for 2 seconds.

The AI Chip that Empowers

Advanced AI chip for real-time
image and tracking optimization.



Intelligent Auto Tracking



Effortless Gesture Control

Image: EMEET PIXY showcasing its intelligent auto-tracking capabilities and effortless gesture control.

Face Tracking for Seamless Switch 2 Gameplay



Image: EMEET PIXY demonstrating face tracking for seamless Switch 2 gameplay, with PTZ movement indicated.

3.3 EMEET STUDIO Control Software

The EMEET STUDIO software provides comprehensive control over your PIXY webcam:

- **Preset Positions:** Instantly switch between predefined camera angles.
- **Whiteboard Mode:** Automatically detects whiteboards for optimal framing; manual adjustment available.
- **Privacy Mode:** Activate by tilting the PIXY downward, or via timer/app settings.
- **FOV Adjustment:** Field of View is adjustable in 1080P & 2K 30FPS modes; locked in 4K 30FPS & 1080P 60FPS for stability.
- **AIGC:** Built-in Artificial Intelligence Generated Content for creating shot lists and movements.
- **Portrait Mode:** Instantly rotate PIXY and flip the image for mobile-ready content.

More Productive with Preset Modes

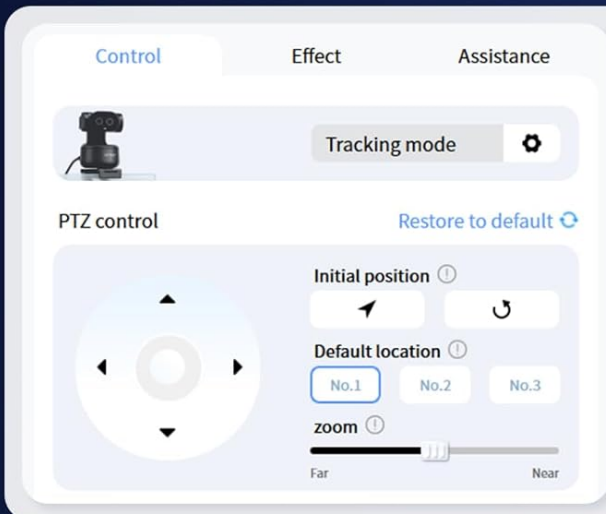


Image: EMEET STUDIO software interface displaying preset positions and PTZ control options for the EMEET PIXY.

Whiteboard Mode

Enter whiteboard mode for smart recognition and alignment.



Directly enter whiteboard mode without requiring recognition stickers

Image: EMEET PIXY in whiteboard mode, showing automatic identification and manual adjustment features.

Privacy Mode

Simply tilt the EMEET PIXY downward or select Privacy Mode in EMEET STUDIO to instantly activate privacy protection.

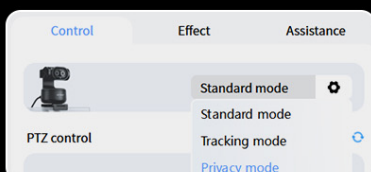


Image: EMEET PIXY demonstrating privacy mode activation by tilting the camera or through software settings.

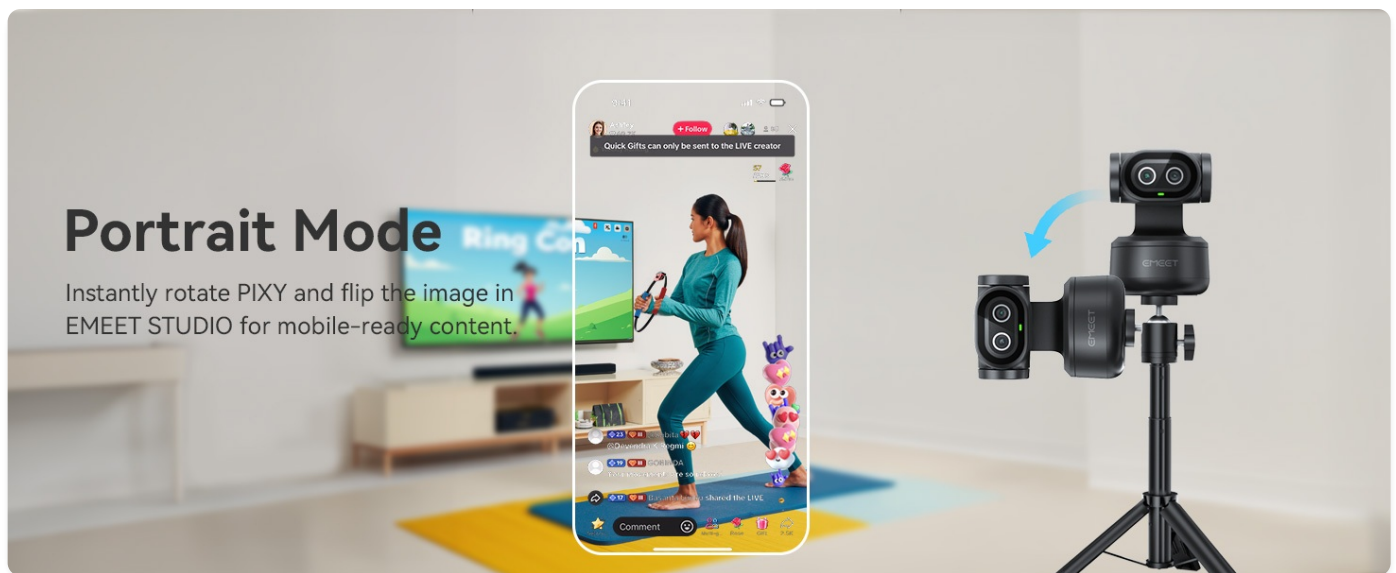


Image: EMEET PIXY in portrait mode, optimized for mobile content creation with image flipping.

3.4 3-Mic Array for Multiple Scenes

The EMEET PIXY features a triple-microphone array with various audio modes:

- **Live Mode:** Filters steady background noise (e.g., fans, AC) for clear live streams.
- **Noise Canceling Mode:** Blocks both steady hums and sudden sounds (e.g., keyboard clicks, door slams) for podcasts, courses, and recordings.
- **Original Sound Mode:** Captures full ambient detail for music and singing.

3-Mic Array Clear Audio



Live Mode



Noise Canceling
Mode



Original Sound
Mode



Image: Diagram showing the triple-microphone array and different audio modes (Live, Noise Canceling, Original Sound) of the EMEET PIXY.

3.5 Compatibility

The EMEET PIXY is compatible with a wide range of platforms and operating systems:

- **Platforms:** OBS, Twitch, YouTube, Facebook, XSplit, ManyCam, Switch 2 Camera, Xbox, PS5 (requires external capture card).
- **System Requirements:** Windows 10+ (64-bit, not ARM), macOS 10.14+.

Smooth Go Live

Supports: OBS, Twitch, YouTube, Facebook, XSplit, ManyCam, Switch 2 Camera, Xbox, PS5 (requires external capture card)

Not Supports: PlayStation

System Requirements:

Windows 10+ (64-bit, not ARM), macOS 10.14+

Image: EMEET PIXY integrated into a live streaming setup, highlighting compatibility with various platforms.

4. MAINTENANCE

To ensure optimal performance and longevity of your EMEET PIXY webcam, follow these maintenance guidelines:

- **Lens Cleaning:** Gently wipe the camera lenses with a soft, lint-free cloth. Avoid using harsh chemicals or abrasive materials that could scratch the lens.
- **Dust Removal:** Use a soft brush or compressed air to remove dust from the camera body and microphone grilles.
- **Storage:** When not in use, store the camera in a clean, dry place away from direct sunlight and extreme temperatures. Utilize the privacy mode or cover the lens to protect it from dust and accidental activation.
- **Cable Care:** Avoid bending or twisting the USB cable excessively to prevent damage.

5. TROUBLESHOOTING

If you encounter issues with your EMEET PIXY, refer to the following common troubleshooting steps:

- **Camera Not Detected:**
 - Ensure the USB cable is securely connected to both the camera and your computer.
 - Try connecting to a different USB port.
 - Restart your computer.
 - Check your computer's device manager (Windows) or System Information (macOS) to see if the camera is listed.
- **Poor Image Quality:**
 - Ensure the camera lens is clean and free of smudges.
 - Check your lighting conditions. Adequate lighting is crucial for optimal image quality.
 - Open EMEET STUDIO and adjust brightness, contrast, and other image settings.
 - Verify that the camera is set to the desired resolution (e.g., 4K) in your application settings.
- **No Audio or Poor Audio Quality:**
 - Ensure the PIXY is selected as the default microphone in your computer's sound settings and your video conferencing application.
 - Check the microphone mode in EMEET STUDIO (Live, Noise Canceling, Original Sound) and select the most appropriate one for your environment.

- Ensure the microphone is not muted.
- **AI Tracking Issues:**
 - Ensure you are within the recommended tracking range and that your face is clearly visible to the camera.
 - Avoid rapid, jerky movements that might cause the camera to lose track.
 - Check EMEET STUDIO settings to ensure tracking is enabled and configured correctly.

6. SPECIFICATIONS

Specification Comparison of the EMEET P-Series Camera Family			
Specification	Piko	Piko+	PIXY
Aesthetic Design	Matte, functional design	Glossy, pearl-finish premium look	Sleek metallic body
Sensor Type	1/2.8" CMOS	1/2.55" SONY	1/2.55" SONY AI 3-chip System
Image Quality	Standard 4K clarity	High clarity & low-light strength	Ultra -smooth tracking & stability
Whiteboard Mode	No	Yes(Auto Image Correction)	Yes(Auto Image Correction)
PTZ Tracking	No		Yes (dual-axis)
Autofocus Tech	AI Autofocus		PDAF and AI Autofocus in 0.2S
Privacy Mode	Panda and Kumamon magnetic privacy cover		Built-in privacy mode
EMEETSTUDIO	Intelligent Image Optimization, Image Adjustment, Zoom In/Out, Preset Filters, Focus Type Selection		+ AI Tracking On/Off, Preset Positions , Privacy Mode, AIGC Smart Shot Planning
Family Similarities	Audio: 3 mics + 3 sound modes Video: Dual Camera = 4K imaging camera + AI- Assisted camera Using: Live streaming & Content Creators & Video Calls & Remote Meetings		







Image: Comparison table of EMEET P-Series camera specifications, including PIXY.

Feature	Detail
Product Dimensions	2.09 x 2.09 x 2.87 inches
Item Weight	11.3 ounces
Item Model Number	E3138
Brand	EMEET
Photo Sensor Technology	SONY
Video Capture Resolution	4K
Maximum Focal Length	3000 Millimeters
Maximum Aperture	1.8 f
Flash Memory Type	NOT Available, Rely on Your PC/Mac
Video Capture Format	YUY2 / MJPEG
Supported Audio Format	AAC, PCM
Screen Size	3.8 Inches
Connectivity Technology	USB

7. WARRANTY AND SUPPORT

- **Warranty:** EMEET provides a 2-year exclusive warranty for this product.
- **Technical Support:** Lifetime professional technical team support is available. For assistance, please visit the official EMEET website or contact their customer service.

Related Documents - E3138

 <p>EMEET PIXY English 日本語 Deutsch Italia Española Français Português 繁體中文</p>	<p>EMEET PIXY User Manual and Guide</p> <p>Comprehensive guide to the EMEET PIXY, a smart camera with AI tracking and multiple shooting modes. Learn about its components, setup, connection, operation, and software features.</p>
	<p>EMEET C970L HD Webcam Quick Start Guide and User Information</p> <p>Concise guide for the EMEET C970L HD Webcam, covering setup, privacy features, software, warranty, and safety. Includes multilingual instructions and compliance details.</p>
 <p>Quick Start Guide AI WEBCAM JUPITER</p>	<p>EMEET AI Webcam Jupiter Quick Start Guide - Setup, Features, and Safety</p> <p>Comprehensive quick start guide for the EMEET AI Webcam Jupiter. Learn how to connect, set up, use eMeetLink software, understand AI features, warranty, safety precautions, and regulatory compliance.</p>
 <p>Quick Start Guide</p>	<p>eMeet HD Webcam C970L & C970 Quick Start Guide</p> <p>Concise quick start guide for eMeet HD Webcam C970L and C970, covering setup, features, software, warranty, and safety information. Includes textual descriptions of diagrams and compliance details.</p>
 <p>Quick Start Guide</p>	<p>EMEET C970L and C970 HD Webcam Quick Start Guide</p> <p>A quick start guide for the EMEET C970L and C970 HD webcams, covering setup, features like auto privacy protection, LED usage, tripod mounting, and software installation.</p>
 <p>EMEET SmartCam Quick Start Guide English 日本語 Deutsch Italia Española Français Português 繁體中文</p>	<p>EMEET SmartCam Quick Start Guide</p> <p>This guide provides quick start instructions for the EMEET SmartCam, covering installation, usage, and troubleshooting tips in multiple languages.</p>