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EMEET PIXY JP

EMEET PIXY 4K AI Auto-Tracking PTZ Webcam User Manual

Model: PIXY JP

INTRODUCTION

The EMEET PIXY is a state-of-the-art 4K AI auto-tracking PTZ webcam designed to enhance your live streaming, online classes, video conferences, and content creation. Featuring a dual-camera system with PDAF high-speed autofocus, a 1/2.55-inch ultra-sensitive Sony sensor, and three integrated AI chips for superior image processing, AI analysis, and PTZ control, the PIXY delivers unparalleled video quality and intelligent tracking capabilities. Its versatile design and dedicated EMEET STUDIO software provide intuitive control and customization for a professional-grade experience.

WHAT'S IN THE BOX

Please check the package contents to ensure all items are included:

- EMEET PIXY Camera
- Webcam Clip
- USB-C to A Adapter
- 1.5m USB-C Cable
- Quick Start Guide
- Warranty Card
- User Manual

同梱物

- 1 EMEET PIXY
- 2 ウェブカメラクリップ
- 3 USB C-A 変換アダプター
- 4 1.5メートル USB C-C ケーブル
- 5 クイックスタートガイド
- 6 保証書
- 7 ユーザーマニュアル



Figure 1: EMEET PIXY package contents.

PRODUCT OVERVIEW

The EMEET PIXY features an innovative dual-camera design and advanced AI processing to deliver superior video and audio performance.

Dual Camera System

The PIXY integrates a main imaging camera with a 1/2.55-inch Sony sensor for stunning 4K resolution at 30 frames per second (FPS) and 1080P at 60FPS. An auxiliary AI camera assists in precise facial recognition and environmental light adaptation, ensuring optimal focus and exposure.

デュアルカメラ

最大4K 30FPS、1080P 60FPS

4K

イメージングカメラ

- ・ソニー1/2.55"センサー
- ・UHD 4K@30FPS
- ・PDAFオートフォーカス

AI

補助カメラ

- ・顔認識精度を向上
- ・高速かつ高精度
- ・オートフォーカス制御を実現

Figure 2: EMEET PIXY Dual Camera System.

AI Chips for Enhanced Performance

Three dedicated AI chips manage image processing, AI analysis, and PTZ (Pan-Tilt-Zoom) control. This multi-chip architecture enables rapid autofocus (0.2 seconds), smooth 310° pan and 180° tilt movements, and real-time optimization of video quality based on movement and lighting.

革新的なAIで性能を飛躍的に向上

リアルタイム映像と追跡最適化を実現する先進AI技術



スマートな自動追跡



スムーズなジェスチャー操作

Figure 3: AI-powered auto-tracking and gesture control.

Triple Microphone Array

The PIXY is equipped with three built-in microphones that deliver clear and immersive audio. It offers three distinct audio modes: Live Mode for suppressing constant background noise, Noise Cancelling Mode for reducing sudden sounds, and Original Sound Mode for faithful recording of environmental and musical nuances.

3つのマイクアレイでクリアに集音



ライブモード



ノイズキャンセリ
ングモード



原音モード



Figure 4: Triple Microphone Array and Audio Modes.

SETUP

Physical Installation

1. Attach the webcam clip to the bottom of the EMEET PIXY.
2. Securely mount the PIXY on your monitor, laptop, or a tripod using the clip.
3. Connect the PIXY to your computer using the provided USB-C cable. Use the USB-C to A adapter if your computer only has USB-A ports.

Software Installation (EMEET STUDIO)

For full functionality and customization, download and install the EMEET STUDIO software from the official EMEET website (www.emmeet.com). EMEET STUDIO is compatible with Windows 10 (64-bit) or later and macOS 10.14 or later.

EMEET STUDIO

AIスクリプト&マルチカメラ設定、全デバイスの一元管理をこれひとつで

*Switch 2 サポート

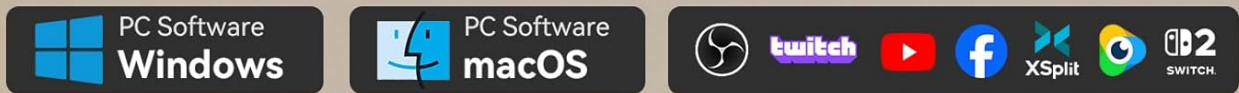


Figure 5: EMEET STUDIO Software Interface and Compatibility.

OPERATING INSTRUCTIONS

AI Auto-Tracking and Autofocus

The EMEET PIXY utilizes advanced AI to automatically track your movements and maintain sharp focus. The PDAF high-speed autofocus ensures that you remain clear and in focus even with rapid movements.

瞬時フォーカス

プロデュアルカメラ・オートフォーカス技術

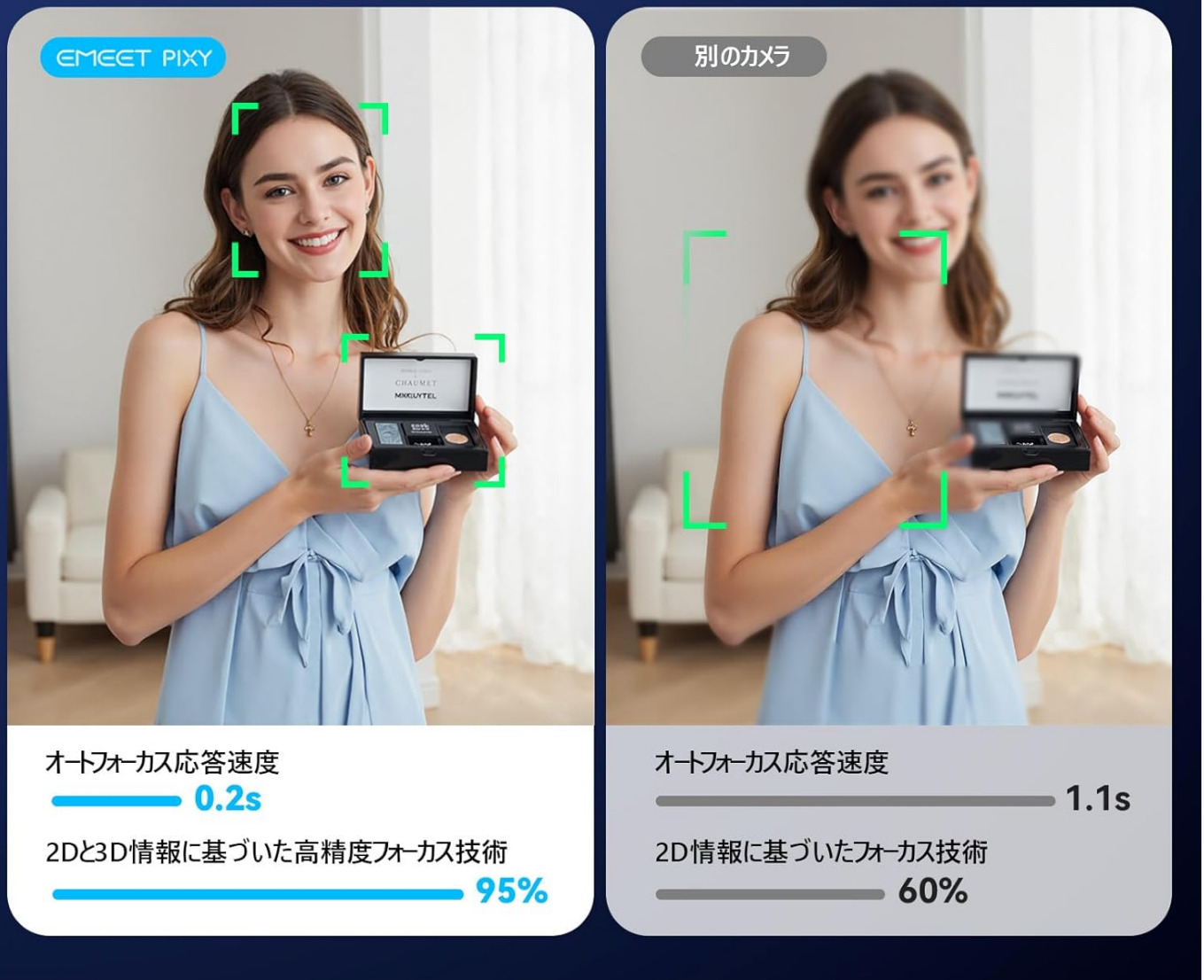


Figure 6: Instant Focus Technology.

EMEET STUDIO Software Features

- **Preset Modes:** Use EMEET STUDIO to save and switch between different camera angles and zoom levels instantly. This is ideal for presentations or multi-angle streaming.
- **Gesture Control:** Control certain camera functions, such as starting/stopping tracking, using simple hand gestures.
- **Whiteboard Mode:** Automatically recognizes and corrects whiteboard content, making it clear and legible for viewers without the need for special stickers.
- **Portrait Mode:** Rotate the camera to a vertical orientation for optimized smartphone-style video content.
- **AIGC Function:** EMEET's unique AI Generated Content feature can automatically create shot plans tailored to your scene, simplifying complex setups.

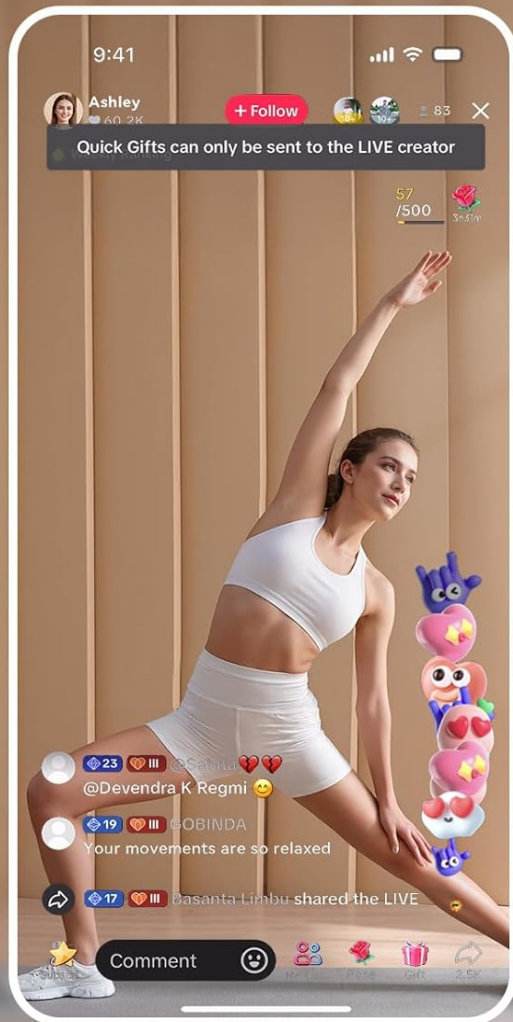
生産性を最大化する プリセットモード



Figure 7: Preset Modes for Camera Control.

ポートレートモード

EMEET STUDIOでPIXYを瞬時に回転・反転させ、
スマホ向けに最適な映像が作成可能



ご注意:三脚は付属しません。

Figure 8: Portrait Mode for Vertical Content.

ホワイトボードモード

スマートに自動認識・補正し、クリアな映像を実現



ステッカー不要で、
すぐにホワイトボードモードへ切替可能

Figure 9: Whiteboard Mode in action.

AUDIO FEATURES

The EMEET PIXY's triple microphone array offers specialized audio modes to suit various environments:

- **Live Mode:** Suppresses constant background noise (e.g., air conditioners, PC fans) for a stable, noise-free streaming environment.
- **Noise Cancelling Mode:** Reduces sudden sounds (e.g., keyboard clicks, door opening/closing) for clear online classes and web conferences.
- **Original Sound Mode:** Faithfully records environmental sounds and subtle musical nuances, providing studio-quality audio without additional microphones.

PRIVACY FEATURES

The EMEET PIXY offers a dedicated Privacy Mode to ensure your privacy when the camera is not in use. This mode can be

activated by:

- Tilting the camera unit downwards.
- Manually switching via the EMEET STUDIO application.
- Setting an automatic timer for privacy activation within the software.

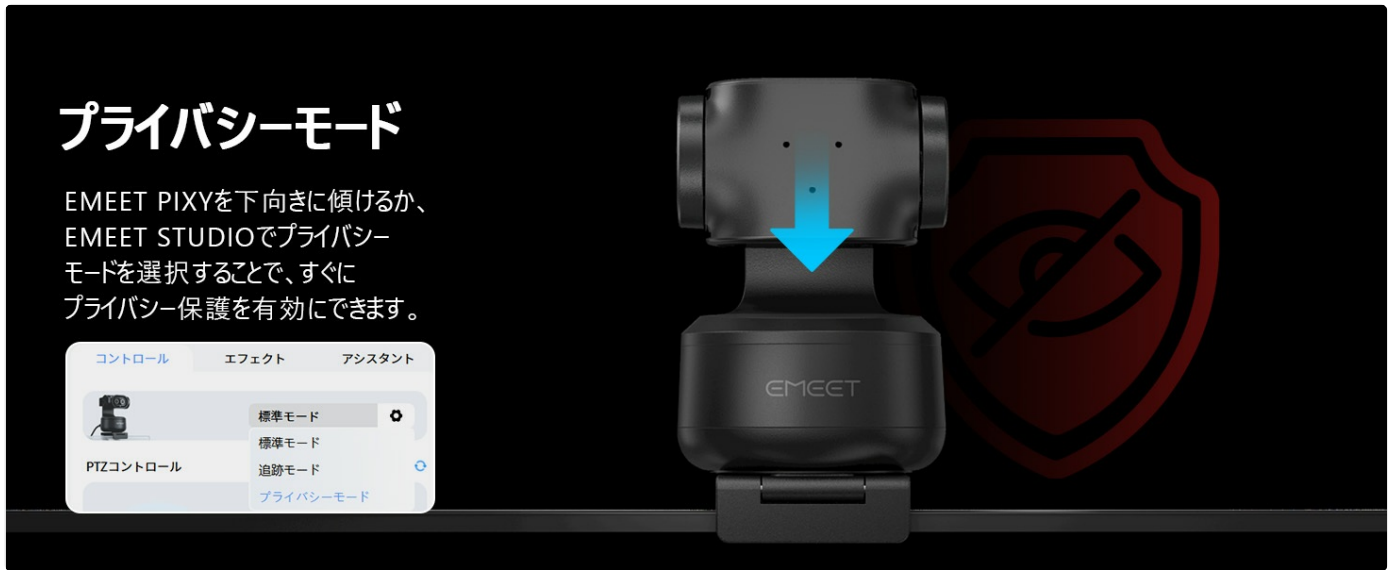


Figure 10: Activating Privacy Mode.

CONNECTIVITY & COMPATIBILITY

The EMEET PIXY connects via USB and is compatible with a wide range of operating systems and streaming platforms:

- **Operating Systems:** Windows 10 (64-bit) or later, macOS 10.14 or later, Switch 2.
- **Streaming Software:** OBS, Twitch, YouTube, Facebook, XSplit, ManyCam, and more.

Video Demonstration

Your browser does not support the video tag.

Video 1: Application scenes in streaming, demonstrating the EMEET PIXY's capabilities in various live streaming scenarios.

MAINTENANCE

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

- Keep the camera lens clean using a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals.
- Store the camera in a dry, cool place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the camera to strong impacts.
- Regularly check for firmware updates via the EMEET STUDIO software to ensure you have the latest features and improvements.

TROUBLESHOOTING

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

- **No Image/Video:** Ensure the USB cable is securely connected to both the camera and your computer. Try a different USB port or cable. Verify that the camera is selected as the video input device in your application settings.
- **Autofocus Issues:** Ensure there is adequate lighting. Check for obstructions in front of the lens. Update EMEET STUDIO

software and camera firmware.

- **Audio Problems:** Confirm the PIXY's microphones are selected as the audio input device in your application. Check microphone levels. Ensure no physical obstructions are blocking the microphones.
- **Tracking Not Working:** Ensure you are within the recommended tracking range. Check lighting conditions. Verify that AI tracking is enabled in EMEET STUDIO.
- **Software Not Recognizing Camera:** Restart your computer and the EMEET STUDIO software. Reinstall the EMEET STUDIO software.

For further assistance, please contact EMEET customer support.

SPECIFICATIONS

Feature	Detail
Brand	EMEET
Model Number	PIXY JP
Video Capture Resolution	4K
Photo Sensor Technology	CMOS (1/2.55" Sony Sensor)
Max Focal Length	3000 millimeters
Min Focal Length	100 millimeters
Video Capture Format	MP4
Supported Audio Formats	AAC, MP3, PCM
Connectivity Technology	USB
Special Features	Scene Mode, Microphone Input, Face Detection, AI Auto-Tracking, PTZ Control
Image Stabilization	Optical
Form Factor	Palmheld
Supported OS	Windows 10 (64bit) or later, macOS 10.14 or later, Switch 2 Camera
Aspect Ratio	16:9

WARRANTY & SUPPORT

The EMEET PIXY comes with a warranty card included in the package. Please refer to the warranty card for specific terms and conditions. For technical support, product inquiries, or warranty claims, please visit the official EMEET website or contact their customer service team.