

reCamera

Your shortest pathway to build a
market-ready AI camera



Customizable

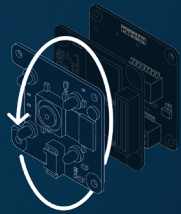
Multiple Sensor Options

Switch between:

Thermal Imaging

Global Shutter

Night Vision



NPU

1-4 TOPS

Interchangeable
Modular
Design



Custom
Model
Supported

ONNX

TensorFlow Lite

PyTorch

Fast Deployment

Low-code with
**Built-in
Node-RED**



ultralytics
YOLO



Includes
Pre-installed Ultralytics YOLO11

Pocket - cube
Size

40x40x36.5 mm
Magnetic and
1/4" Thread Mount



Native Support
SenseCraft



open source

RISC-V & Linux
Open CV C++

Enhanced Heat Dissipation

Ethernet

WiFi2.4G/5G

BT4.2/5.0

Beyond Vision

Mic and
Speaker



reCamera
Gimbal



reCamera
Industrial



reCamera
with Robot
Arm



reCamera Gimbal

An open-source control system for reCamera

This system pairs the AI-enhanced reCamera with a 2-axis gimbal, creating a customizable and stable platform for precise camera control and intelligent angle adjustments.



Features



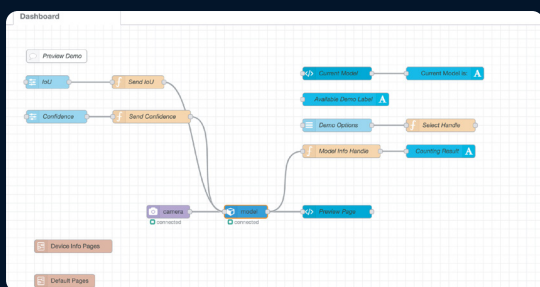
Full Range Motion

Features dual brushless motors, achieving complete 360° yaw and 180° pitch viewing coverage.



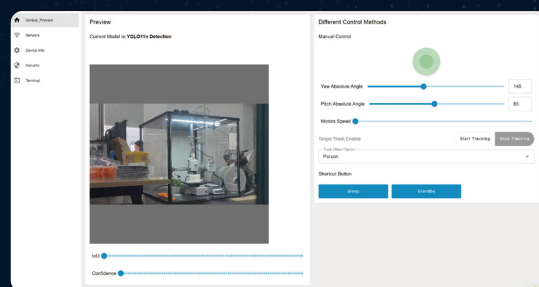
AI Enabled

Includes pre-installed YOLO11, simplifying the building of applications like target tracking. Supports custom models for specialized application flexibility.



Low-code Development

Integrates a built-in Node-RED dashboard for low-code customization of gimbal actions.



Plug & Play

Comes with a user-friendly console for easy setup and control.

Application



Gesture Control



Target Tracking



Custom Workflow

Like Auto-scan at 9:00 AM, record on target detection

