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INDUSTRIAL PRODUCT DATASHEET

SONY AIH-IVRW2 Camera - Edge Device with IMX500, US/JP Version

Edge AI device "AIH-IVRW2" with AI training tool and device.

SKU	UPDATED	PRICE
101991236	2026-11-23 10:00:56	$285.00(Excl. VAT)



Overview



Edge AI device "AIH-IVRW2" with AI training tool and device.

Key Features

01 **On-Camera AI Image Processing**

Integrates the Sony's IMX500 sensor with AI capabilities directly on the sensor, eliminating the need for external processing or memory.

02 **Reduced Latency**

Performs image processing on-camera, minimizing data transfer time and ensuring faster results.

03 **Energy Efficient**

Lowers power consumption, offering a more cost-effective and environmentally friendly solution.

04 **Comprehensive Platform**

Utilizes Sony's Local Edition for device management, AI development, and seamless system and cloud integration.

05 **Wi-Fi Communication**

Features ESP32 Wi-Fi for easy and flexible system integration, ideal for various applications including retail, smart buildings, manufacturing, logistics, and industrial automation.

Product Gallery



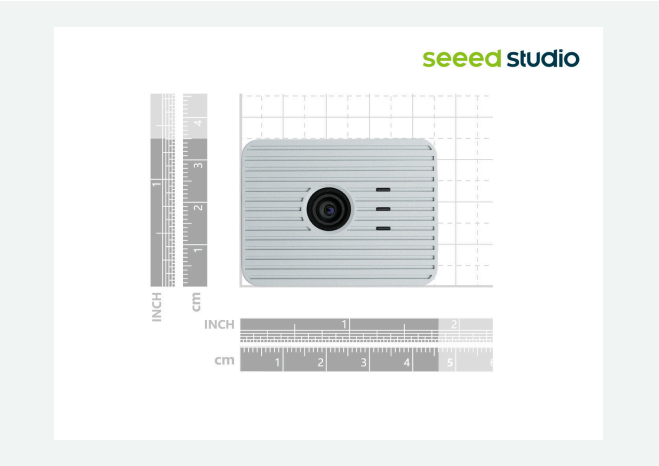












Applications

- **Retail: Enhances customer analytics and store management with real-time AI image processing and data analysis directly on the camera.**
- **Smart Buildings: Optimizes building automation and monitoring systems by providing efficient and secure on-camera processing for various sensors and devices.**
- **Industrial Automation: Improves production line efficiency and quality control by integrating AI-driven image analysis directly into manufacturing and logistics workflows.**

Resource Links

- https://www.seeedstudio.com/SONY-AIH-IVRW2-Camera-Edge-Device-with-IMX500-p-5926.html
- Product Manuals
- Device Setup Guide
- Installation Guide

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