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INDUSTRIAL PRODUCT DATASHEET

Kittenbot KOI AI Module Based on K210 (RISC-V) - Supported by Micro:bit/Arduino/Raspberry Pi

KOI is an Artificial Intelligence module which can be programmed graphically and used offline.The hardware includes a camera, microphone, speaker, IPS screen, Wi-Fi and much more.

SKU	UPDATED	PRICE
101990646	2026-11-11 08:30:38	$69.90(Excl. VAT)



Overview



KOI is an Artificial Intelligence module which can be programmed graphically and used offline.The hardware includes a camera, microphone, speaker, IPS screen, Wi-Fi and much more.

Key Features

01 **Featuring K210 RISC-V 64-bit Dual-Core CPU for Powerful AI Applications**

02 **Simply adds an AI brain to your projects with this cost-effective offline AI module**

03 **Comprehensive AI functions, including visual recognition, speech recognition, and speech synthesis**

04 **Discover AI through the simplicity of block-based programming**

05 **Ability to self-train on the module itself with the support of importing pre-trained models**

Product Gallery











Applications

- **Face recognition (Supports 20 classifications, outputs position and confidence):** Classifier (The user-defined recognition of any object supports up to 20 classes within 100 sample size; offline training, no computer operation or pre-loading of classification model to SD is needed)
- **Visual tracking (Circle / Rectangle / line / color block):** Voice Processing / IoT (Speech recognition & synthesis, Voice recording & playing, Voice transformation, Offline keyword recognition, Access of network or local sound database)
- **Scanning (Image recognition, OCR character recognition, license plate recognition, expression recognition, etc)**

Resource Links

- https://www.seeedstudio.com/Kittenbot-KOI-AI-Module-Supported-by-Arduino-Micro-Bit-p-4511.html

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