

AI object recognition solution



The solution uses einfochips EIC-i.mx93-210 and onsemi AR0234 CMOS sensor. The AI model runs on the neural processing unit of the NXP i.MX93 chip to improve accuracy and optimize overall CPU consumption. NPU inside. Easy to development

AR0234CS uses an innovative global shutter pixel design to produce extremely crisp, sharp digital images with industry-leading global shutter efficiency, and its ability to capture both continuous video and single frames makes it perfect for a wide range of applications such as scanning, autonomous movement, surveillance surveillance, and industrial quality control.

Spec

CPU – NXP i.MX93 CPU

- 2 Cortex®-A55 core, 1.7 GHz
- Arm Cortex-M33 @ 250Mhz
- Arm® Ethos™ U-65 microNPU

Memory

- LPDDR4: 1x 2GB LPDDR4x RAM
- eMMC: 1x 16GB eMMC 5.1
- SDIO: 1x SDIO 3.0 interface
- Micro-SD 卡: 1x SD card SDIO 3.0

onsemi AR0234 CMOS sensor

- 1920 x 1200, global shutter



iMX 93x Platform

