Imago’s 5MP ?VisionAI? camera runs Linux on a quad -A53 SoC accompanied by a Google Edge TPU for TensorFlow Lite and AutoML Vision Edge. Other features include 2GB DDR4, microSD, GbE, and DIO.

Imago Technologies GmbH announced a ?freely programmable,? 5-megapixel edge AI camera designed for AI/ML and deep learning enabled image processing applications including pattern recognition, classification, anomaly or defect detection, and code reading. The VisionAI embedded camera runs Debian Linux on an unnamed quad-core, Cortex-A53 SoC clocked to 1.8GHz. Our guess is the i.MX8M Mini, but the same profile applies to a few other SoCs such as the Actions S900.

The SoC is paired with Google’s Coral Edge TPU AI accelerator. It is unclear if Imago is deploying the Edge TPU via the solderable, LGA form-factor Coral Accelerator Module or one of the M.2 or mini-PCIe modules. The Edge TPU offers 4-TOPS AI processing power using 0.5 watts for each TOPS (2 TOPS per watt).