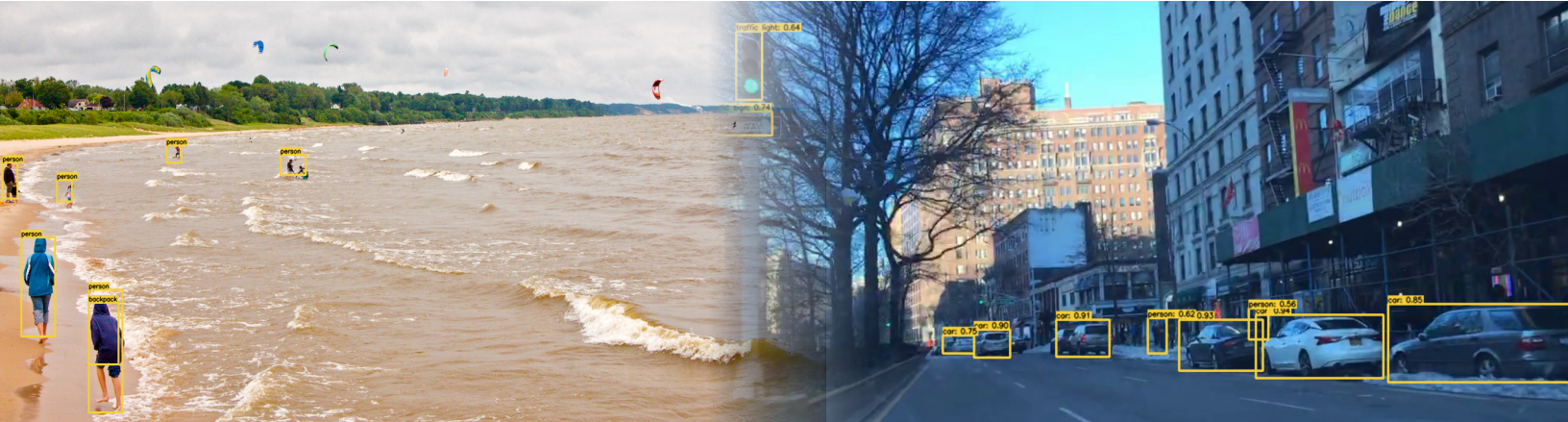


# DeepView™ ModelPack

For Detection on MPU and NPU



## IMMEDIATE RESULTS

- ✓ Instantly deploy standard or custom AI models on EVK, Maivin or your own hardware.
- ✓ Fully compatible with eIQ® Toolkit graphical development environment for no-code model training and deployment.
- ✓ Integration with multiple frameworks to deploy your AI application the way you want.

## BEST IN CLASS PERFORMANCE

- ✓ Achieve industry leading performance with DeepViewRT™ Inference Engine and DeepView™ VisionPack.
- ✓ Ship your product with confidence knowing your vision pipeline is fully optimized for AI compute at the edge.

## STATE OF THE ART DETECTION MODEL

- ✓ Achieve state-of-the-art results with best-in-class performance using ModelPack for Detection.
- ✓ Avoid common pitfalls of tuning, pruning, quantizing models. Simply provide your dataset and train from eIQ® Portal.
- ✓ We've optimized our models so you can focus on your vision application.

## COMMERCIALY SUPPORTED

- ✓ Build your EdgeFirst AI solution with confidence.
- ✓ Long Term Support and stability.
- ✓ Documented code provenance.
- ✓ Field proven reliability.



edgefirst.ai



+1 403 261 9985



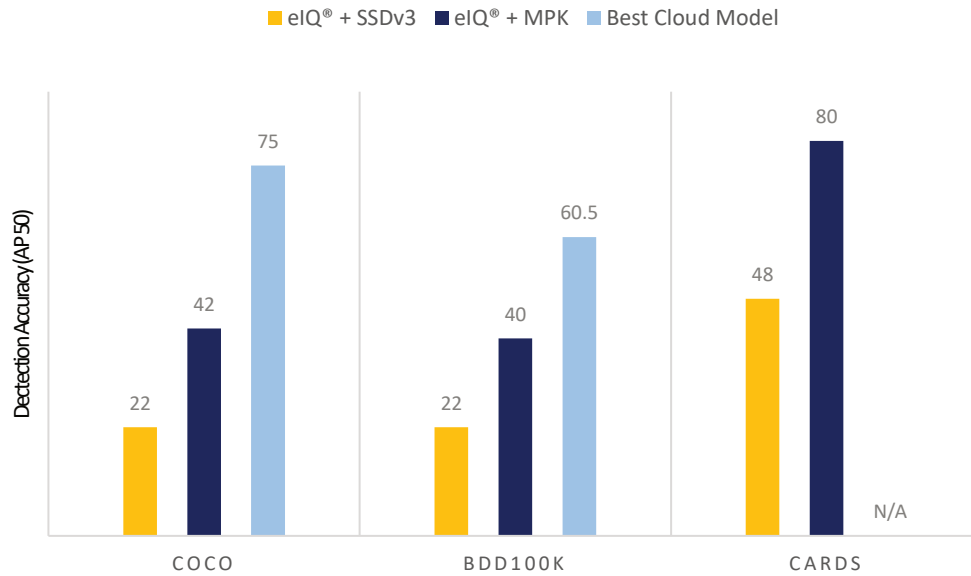
info@au-zone.com



Free ModelPack Trial

# DeepView™ ModelPack

MODELPACK ACCURACY VS. ALTERNATIVES FOR 3 DATASETS



## Features

## Description

Supported Processors	NXP® i.MX 8M Plus with Neural Processing Unit NXP® i.MX 8 Family - CPU, GPU NXP® i.MX 6 Family - CPU, GPU
Supported Platforms	NXP® EVKs, Maivin AI Vision Starter Kit, Custom Hardware
Example eIQ Projects	COCO2017, BDD100K, and Custom Datasets (Bring Your Own Data), etc.
Development Tools	eIQ® Toolkit, TensorFlow, Jupyter
Runtime Optimizations	Full int8 quantization optimized for maximum NPU performance
Deployment Support	Optimized export from eIQ® Portal to VisionPack with DeepViewRT™
End-to-End Latency*	Under 18ms from camera capture to bounding boxes