

# AI DEEP LEARNING

## 4K Edge-based Camera



### AI Deep Learning Intelligent Video Analytics Camera

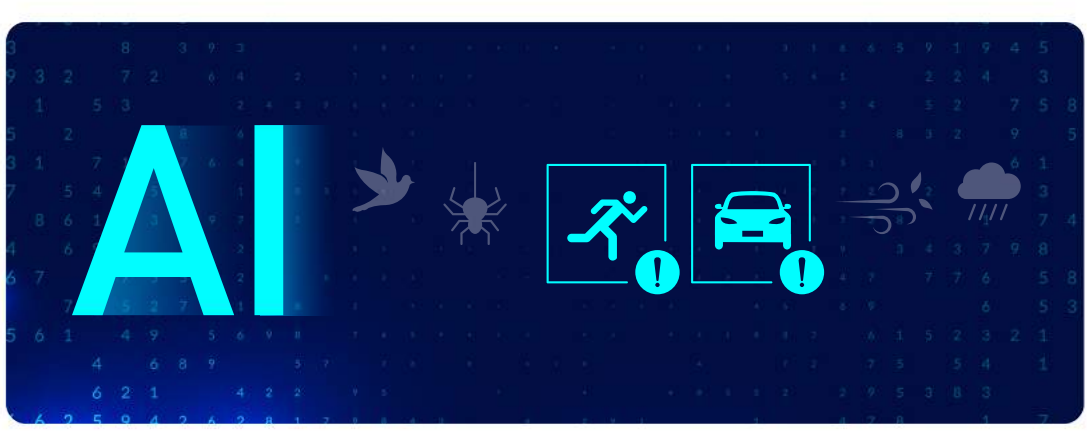
Our AI camera is equipped with **intelligent video analytics engine** (base on DNN: Deep Neural Network) and **Ambarella's CV22S SoC with CVflow® architecture** filtering and analyzing the data itself as well as video recording.



NSF1-78-R	NVF13-712-R	NVD13-78-R	NBT7-78-R
<b>4K 180° Panorama Eyeview</b>	<b>360° Wide angle Fisheye</b>	<b>4K Built-in Mic IR Flat</b>	<b>4K High Power IR LED</b>
180° panoramic wide angle view	360° fisheye, 180° panoramic and quartered mode are available in the S/W	Minimum hidden area by tilting up to 90° degree	Easy booting up for low temp by Built-in-Cold starter circuit
Minimum distortion similar to human vision compared to Fisheye's de-warping images	3pcs of High power IR LED	5x Optical zoom	Easy install by 3 axis double arms
1/1.8 inch Image sensor	Easy install cableless	Built-in-Mic	5X Optical zoom
4pcs of High power IR LED		2pcs of High power IR LED	6pcs of High power IR LED
		Easy install cableless	IR distance up to 100ft

### AI Deep Learning Filter

It detects and classify objects with **98% high accuracy**. And it significantly **reduces false alarms caused by field noise** such as moving light, leaves, spiders, rain, and wildlife. Operators can monitor only the objects and specific events they want, **reducing data processing and response time**, and **maximizing operational efficiency by saving storage space**.



### Feature-rich Rule sets

Various analytical rule sets are supported for the best options when selecting cameras and other devices. It provides basic intelligent video analysis capabilities and additional licenses. More features are available when you upgrade. **License : Presence / Count / Pro. The AI version applies as an option to each license.**

**Presence AI** Object Recognition ■ Normal ■ AI Deep Learning

Zones, Tamper Detection, Presence, DL-Filter

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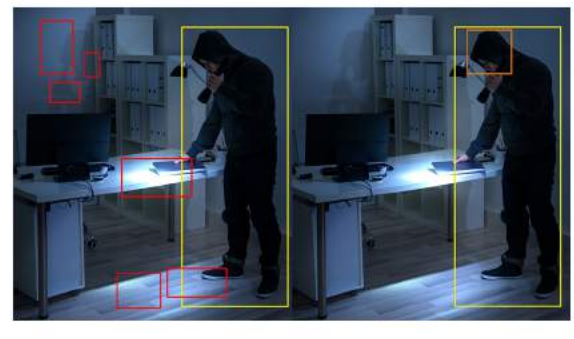
**Count AI** Object Counting

Zones, Tamper Detection, Presence, Counting, Counting Line, Dwell Filter, Direction Filter, DL People Tracker

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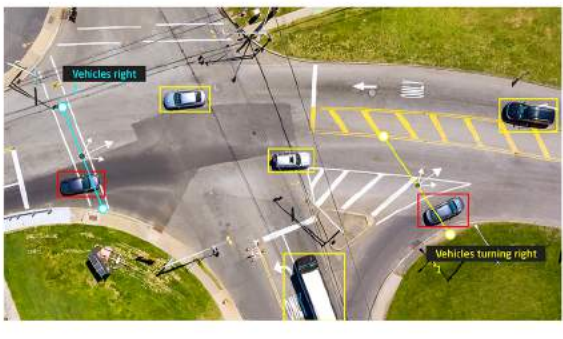
**Pro AI** Linking rules and creating complex filters allowing users to reduce false alarms

Zones, Tamper Detection, Presence, Counting, Counting Line, Appear Filter, Disappear Detection, Stopped Filter, Enter Filter, Exit Filter, Dwell Filter, Tailgating, Abandoned Object Filter, Meta Data, Logical Rules, Direction Filter, DL-Filter, DL People Tracker, DL Object Tracker



**DL Object Tracker**

Only triggered based on an objects classification (e.g. person, vehicle)



**Counting & Direction**

Detect flow of vehicles to predict traffic condition



**Dwell**

Detect objects that have been stopped in danger zone of the workplace.