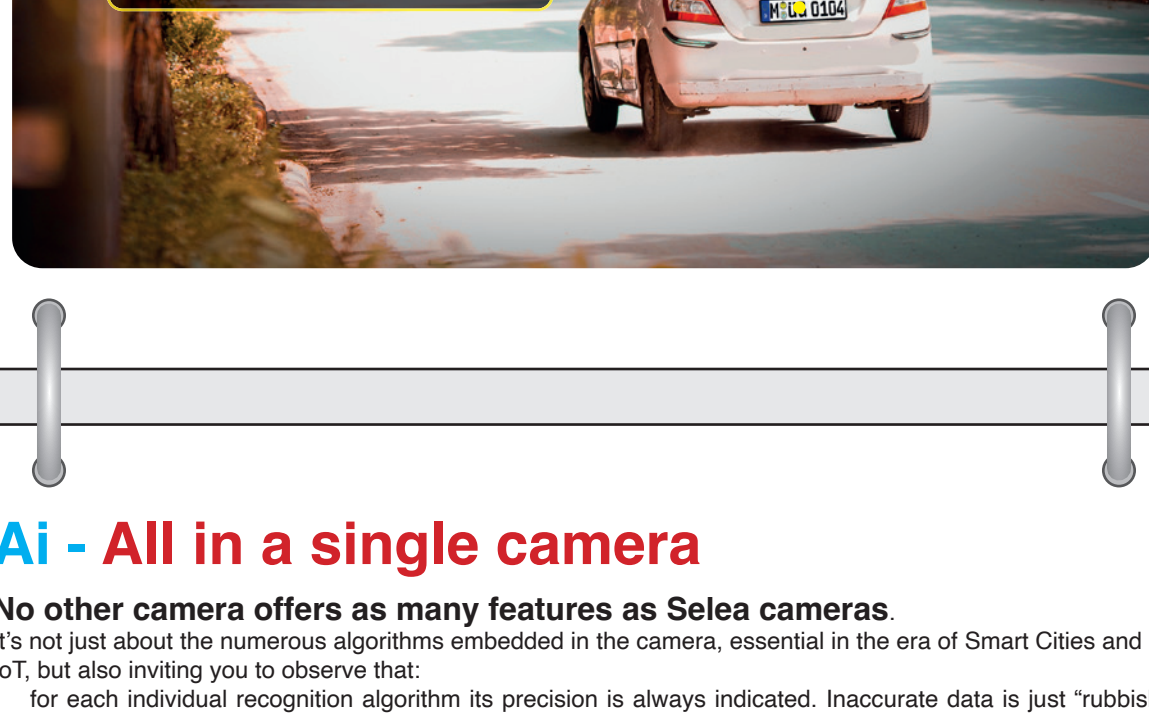


SELEA CAMERAS

LPR AND VIDEO-ANALYSIS

Feature List for TARGA 706, 806, 760, and 950 Series cameras

Ai - Traffic analysis, automatic license plate reading, traffic violation alerts, vehicle recognition: make, model, color, type, instantaneous speed, stationary vehicle, queue formation, smoke/fire detection, wrong-way vehicle, nationality, direction, GPS location.



Ai - All in a single camera

No other camera offers as many features as Selea cameras.

It's not just about the numerous algorithms embedded in the camera, essential in the era of Smart Cities and IoT, but also inviting you to observe that:

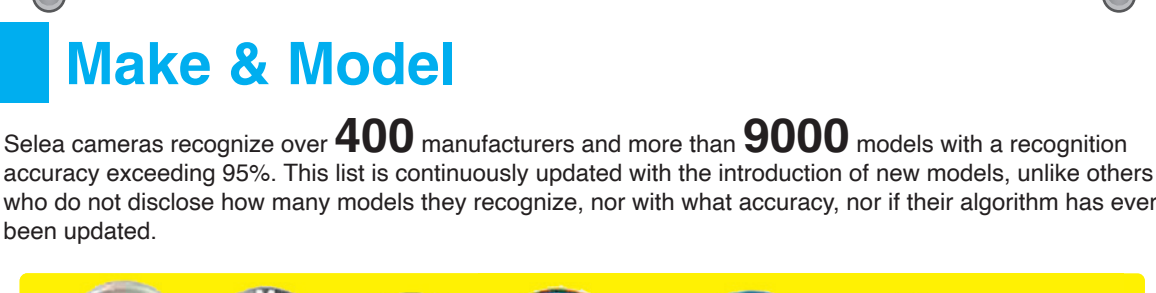
- for each individual recognition algorithm its precision is always indicated. Inaccurate data is just "rubbish". Selea has made **precision** its primary mission.
- Selea always **declares** how many makes, models, colors, and types of vehicles it can recognize.
- thanks to the power of the hardware, all algorithms operate **simultaneously**.

We call it ZERO EFFECT: zero surprises, zero problems, zero waste of time.

Progettate per catturare ogni particolare con insuperabile precisione	ALGORITMI		DESCRIZIONE		PRECISIONE
	OCR	License plate	Lettura targhe Mercat pericolose (KEMLER)		
	Colore		16 sfumature di colore		95%
	Marcas & Modello		400 Marche 9000 Modelli		95%
	Tipologia		35 classi di veicoli		95%
	Nazionalità		+50 Nazionalità		95%
	Presenza Casco		su ciclomotori e motocicli		> 95%
	<ul style="list-style-type: none"> Velocità istantanea Inversione di marcia/contromano Formazione code/veicolo fermo Fumo/incendio Privacy degli oggetti 				

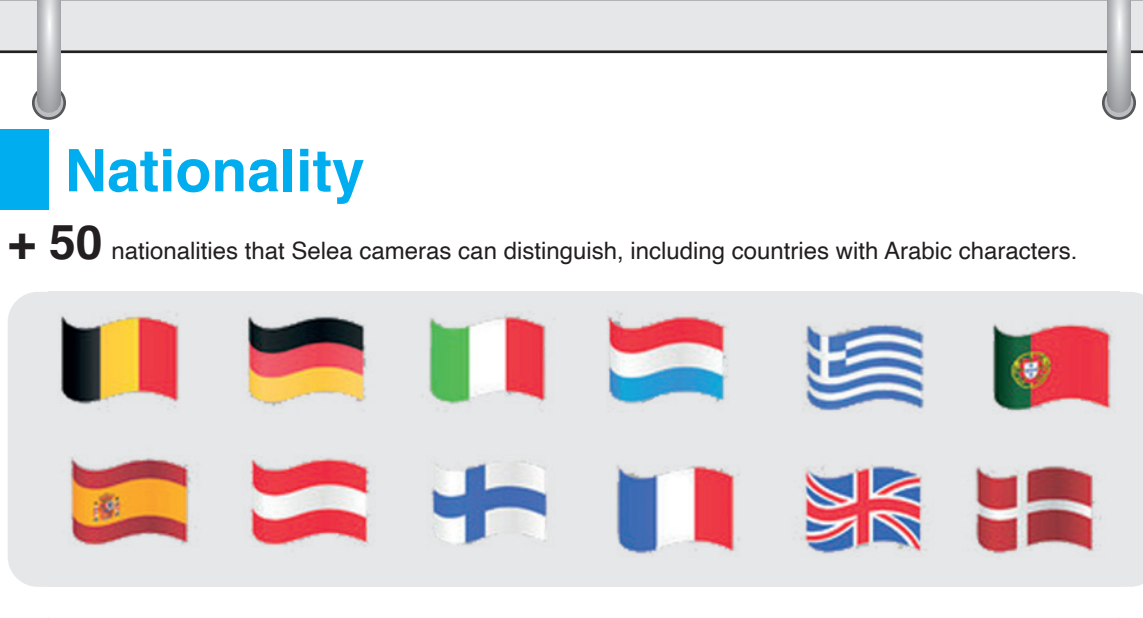
1 Color

16 shades of color that Selea cameras can distinguish.



2 Make & Model

Selea cameras recognize over **400** manufacturers and more than **9000** models with a recognition accuracy exceeding 95%. This list is continuously updated with the introduction of new models, unlike others who do not disclose how many models they recognize, nor with what accuracy, nor if their algorithm has ever been updated.



3 Nationality

+ 50 nationalities that Selea cameras can distinguish, including countries with Arabic characters.



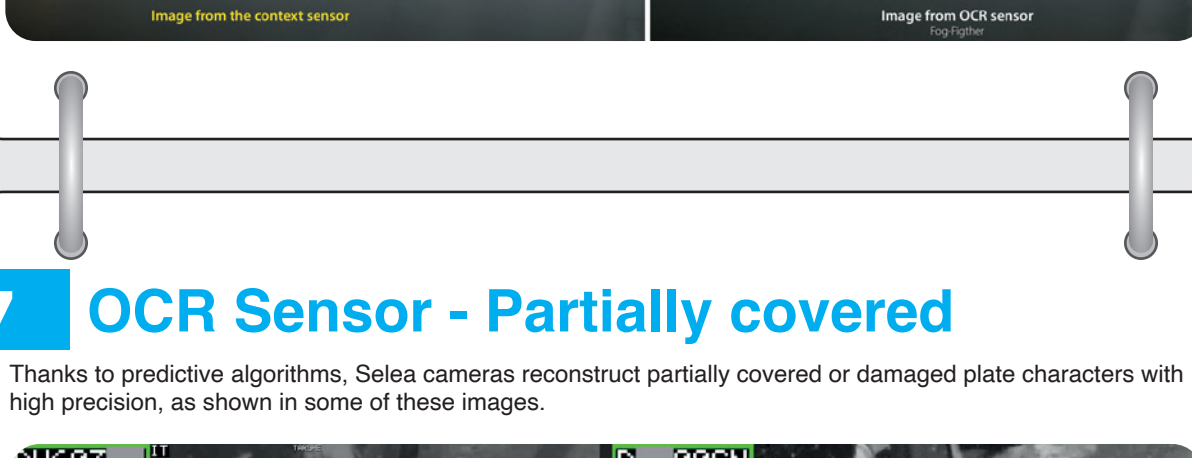
4 Vehicle type

35 classes and subclasses of vehicles that Selea cameras are able to recognize with an accuracy greater than 95%



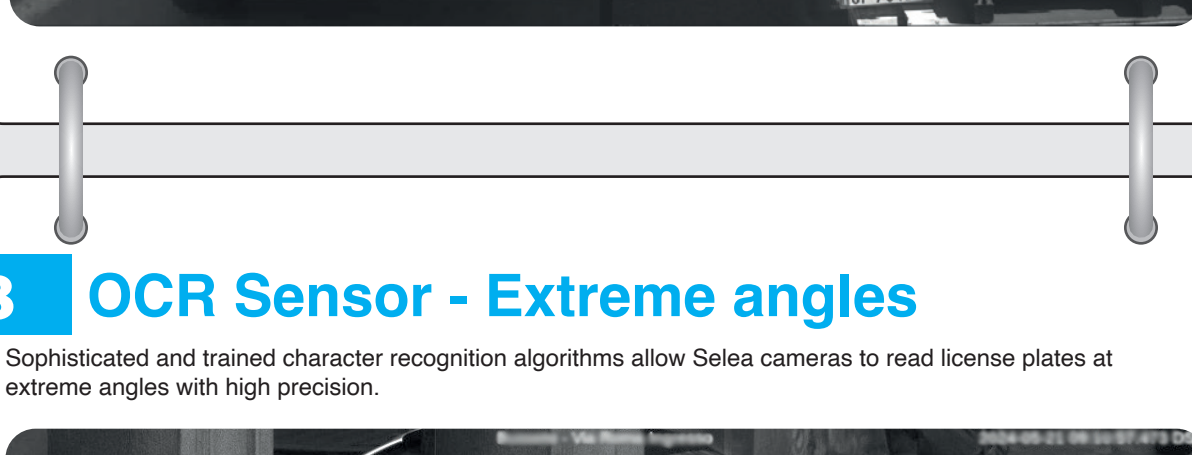
5 OCR Sensor - Dirty Plates

An efficient algorithm that manages the pulse and power of the infrared depending on the reflectance state of the license plate is the criterion adopted by Selea cameras to perfectly read any dirty license plate even at night.



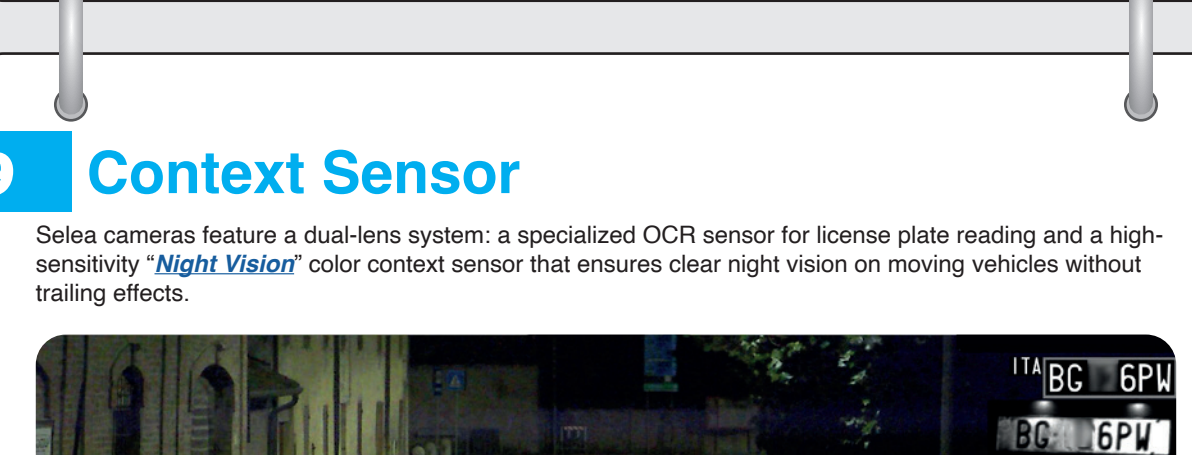
6 OCR sensor - Reading in the fog

Selea cameras are equipped with a high-powered IR illuminator, allowing them to recognize license plates even at night in dense fog (Fog-Fighter).



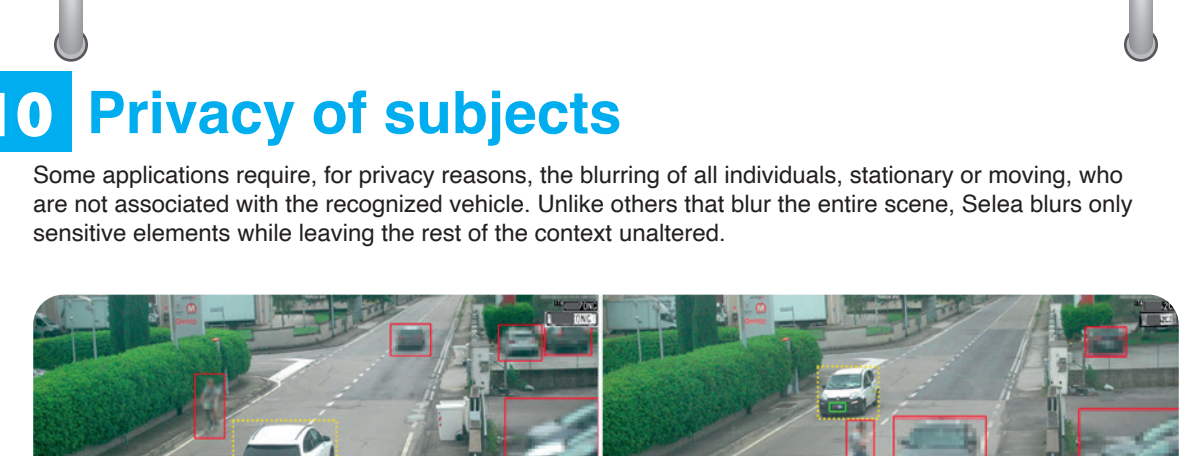
7 OCR Sensor - Partially covered

Thanks to predictive algorithms, Selea cameras reconstruct partially covered or damaged plate characters with high precision, as shown in some of these images.



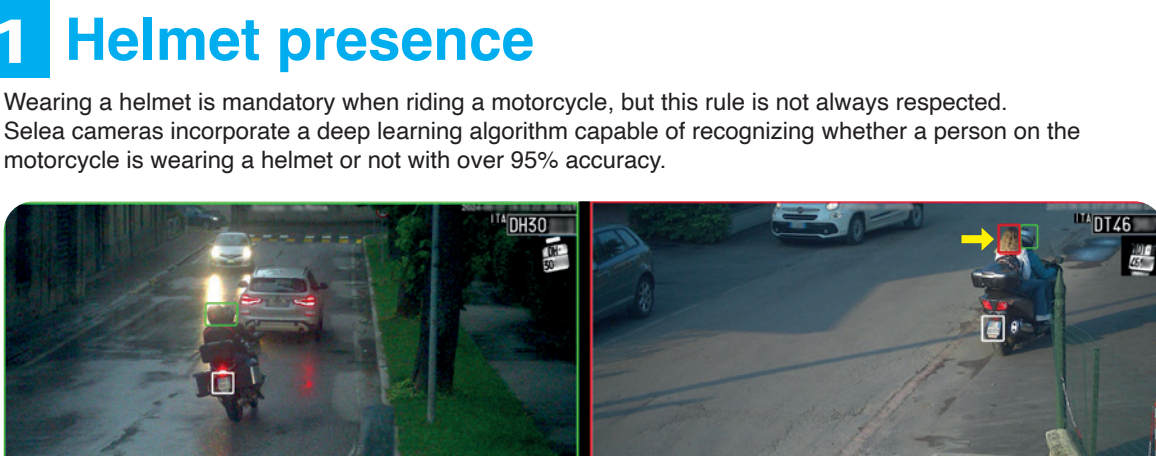
8 OCR Sensor - Extreme angles

Sophisticated and trained character recognition algorithms allow Selea cameras to read license plates at extreme angles with high precision.



9 Context Sensor

Selea cameras feature a dual-lens system: a specialized OCR sensor for license plate reading and a high-sensitivity "Night Vision" color context sensor that ensures clear night vision on moving vehicles without trailing effects.



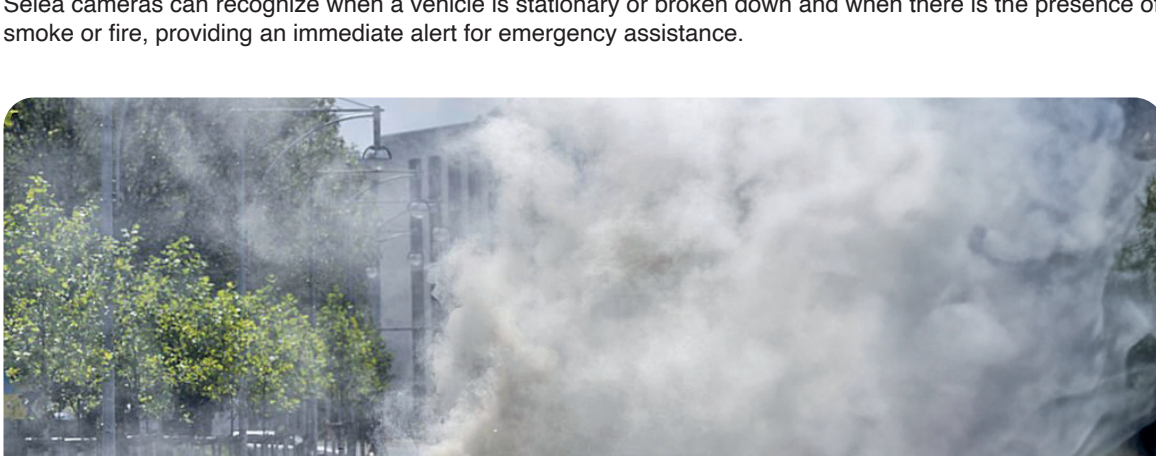
10 Privacy of subjects

Some applications require, for privacy reasons, the blurring of all individuals, stationary or moving, who are not associated with the recognized vehicle. Unlike others that blur the entire scene, Selea blurs only sensitive elements while leaving the rest of the context unaltered.



11 Helmet presence

Wearing a helmet is mandatory when riding a motorcycle, but this rule is not always respected. Selea cameras incorporate a deep learning algorithm capable of recognizing whether a person on the motorcycle is wearing a helmet or not with over 95% accuracy.



12 Wrong-Way Vehicle

It doesn't happen often, but when it does, it often leads to serious accidents. We're talking about wrong-way driving: behavior detected by Selea cameras when a vehicle travels in the opposite direction of traffic flow.



13 Smoke/Fire

Selea cameras can recognize when a vehicle is stationary or broken down and when there is the presence of smoke or fire, providing an immediate alert for emergency assistance.

