

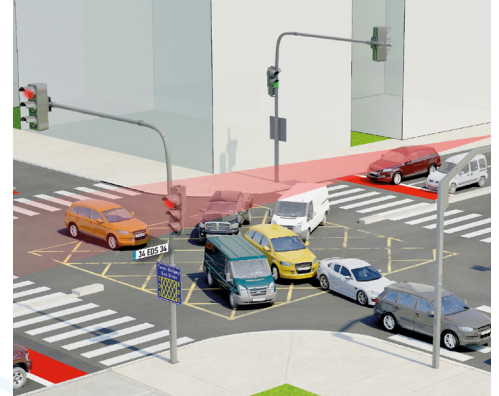
Box Junction EDS

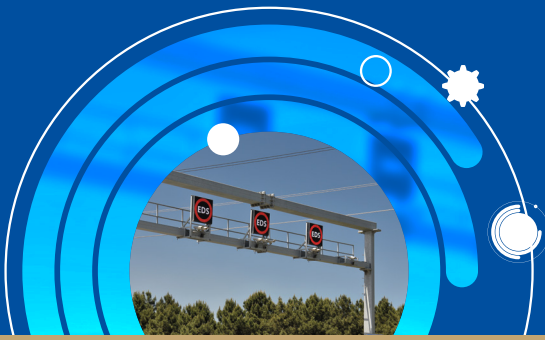
Electronic Detection Systems

It is a system that detects violations in the common area (the area painted in yellow) in order to ensure more efficient use of intersections and reduce traffic. The system constantly monitors the yellow shaded area and detects vehicles violating the area in real time with video analysis.

GENERAL SPECIFICATIONS

- Automatic number-plate recognition system with 95% success rate
- For each violation, 5 high-quality and smart evidentiary photos and all the details of the violation (district, date and time, device serial number, intersection ID and name, software version, evidence number, number- plate, vehicle direction, etc.)
- 24/7 local video recording with high resolution camera
- Private security signature on violation photos
- High accuracy rate with x, y coordinate information of vehicles in every image taken
- Ability to detect violation in a 4-lane area with a single camera
- Ability to create operation plans for more than one system with the grouping feature
- Modular software support
- Flexible system architecture





Box Junction EDS

Electronic Detection Systems

TECHNICAL SPECIFICATIONS

Proof pack	5 photos, video recording before and after the violation
Camera technology	GIGE or IP based
Material, body	Aluminum cabin and stainless steel construction pole
Number-plate recognition success	95%
Protection class	IP65
Temperature range (operation)	-25°C to +55°C
Operating principle	12VDC based
Vehicle detection	Innovative radar-based tracking technology or alternatively magnetic loop technology
Video recording	24/7 local video recording
Lighting technology	Flash, IR, RED Flash
IR illumination distance	50 meter
Remote monitoring	✓
Industrial structure	✓
Operation calendar	✓
Modular software support	✓
Night color violation photo	✓
Automatic penalty report generation	✓
Instant plate detection	✓
Private security signature on violation photos	✓
24/7 detection in all light and weather conditions	✓
KGYS compliance	✓
Lane recognition	1 camera 4 lanes
Innovative design	Ease of installation and transportation with its compact, modular and light body structure
Cameras	Violation Evidence / Video Camera: Clear violation photos and videos even in low light conditions with IP PTZ (Pan-Tilt-Zoom) high sensitivity cameras with 25 frames.
Compliances and product documents	- IP / Ingress Protection (IP55-IP65) -EMC / Electromagnetic Compatibility -LVD / Low Voltage Directive -Verification report by accredited organization