

SPEED ENFORCEMENT CAMERA



Tajeran Jade Abrisham Company as a designer and producer of intelligent transport systems in Iran has started its activities since 2008.

This company produces ALPR systems such as speed enforcement, red light camera, and electronic toll collection.



Some solutions make use of off-the-shelf cameras from machin vision.

Change driver behavior with speed enforcement

Performance

- 17 FPS image capturing: true concurrent violation capturing
- Auto light control: perfect results even when conditions change
- Violator marking; unambiguous identification of the violator
- Plug-and-play; only one cable required
- Auto light settings; no expertise required





Engine

Main engine of camera is based on an integrated AI architecture enabling performs on harsh/ambient illuminations. Also make system be rapidly customizable for any license plate format, character or font.



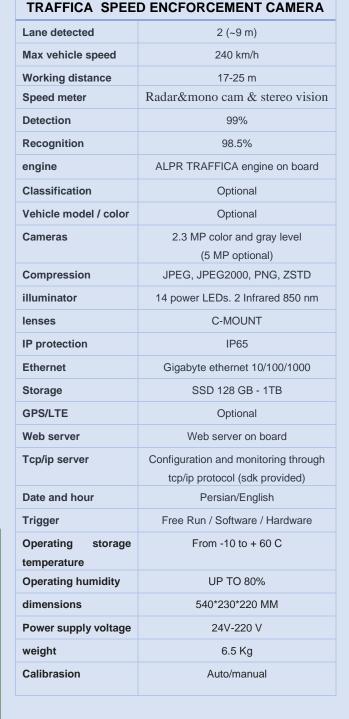
Customizability

The camera delivers ALPR services multiplatform GUI (Windows/Linux/Mac/Android). Also, system can be implemented via web-API based SDK or GPIO (hardware triggering).



Quality

Image quality is guaranteed by high resolution gray-level / color cameras. Image enhancement are also applied to achieve the best quality on challenging illumination conditions.





Real Time Detection of Infringements with OCR on Board

Latest technology of AI such as deep neural networks and elastic methods are used in all production to achieve:



- A. high accuracy of detection/recognition
- B. reliability in different weather or light illuminations
- C. customizability of license plate format (language/style/font)



Ease-of-use

- Shortest installation time in the market: within 2 hours
- Simplest installation in the market; adjust the camera view to the desired area and leave
- Self-alignment; the system will detect and adjust its settings for the traffic flow automatically
- Remote configuration; speed limit settings can be made remotely via the web based user interface

Spesification

- Light weight; mount to existing street furniture or low-cost stock poles, no construction permits
- Installation area; choose the best view, easiest

location

- Minimal road closures
- Video traffic light detection, no wired interfaces, no traffic light controller hassle
- Relocation; if accident hotspots shift, Traffica Series shift with it



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