Product specifications





OneCam

Toll evasion

OneCam monitors toll evasion with a single intelligent camera, which features on-board software. It is capable of monitoring vehicle passages by detecting and registering the image of unauthorized vehicles.

Features

- Identification and registration of toll evasion.
- Registration with photo and, optionally, video.
- Optional: Automatic vehicle plate identification.

Applications

Recommended for toll plazas.

Characteristics

- Intelligent camera capable of identifying, capturing and sending records to the server, without the need for external equipment.
- It can be attached to various structures, such as its own post, metal or masonry structures.
- Equipment with aluminum casing, resistant to oxidation, vibrations, adverse weather conditions and small-caliber ballistic projectiles.
- Installation using sensors available at the toll plaza.
- It allows the use of auxiliary camera for both front and rear capture simultaneously.

Technical specifications

Camera

Resolution (pixels): 1920 x 1080

Color management: • Monochromatic, polychromatic

or day/night

Lighting: Infrared night

Video:

• Two H264 channels for live monitoring

Capture mode

Rear

Front (optional)

Interfaces

One 100/1000M Ethernet interface
Three optically isolated sensor inputs
An optically isolated output for night lighting or
auxiliary camera

Required inputs

Vehicle passage:

• It indicates the passage of

the vehicle through the image capture region.

Charging status: • It Indicates whether the

vehicle in transit has been properly charged.

Time stamp (optional): • It indicates the start time of

vehicle passage, allowing synchronism between the evasion records and the toll information system.

Electrical characteristics

Supply voltage: • 24Vdc (without power supply)

Average power: • 9 to 25W
Peak power: • 11 to 35W

Energy consumption: 8 to 18kWh/month

*Variations according to configuration and vehicle flow.

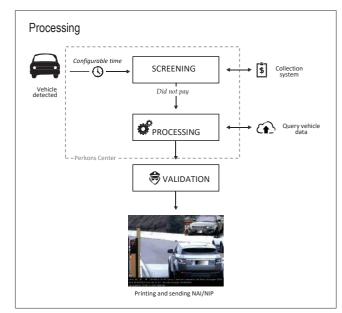
Environmental conditions

Operating temperature: • -10° C to 55° C

Relative humidity: • Up to 95% (non-condensing)

Regulation

INMETRO registration: . 002494/2016
Denatran ordinance: . 179/2015
INMETRO ordinance: . 372/2012



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