



OneCam

Toll evasion

OneCam monitors the toll evasion with a single smart camera, which has an embedded software. It is able to monitor the passages of vehicles, detecting and recording the image of unauthorized crossing.

Functionalities

- Identification and registration of toll evasion.
- Photo and, optionally, video record.
- Optional: automatic license plate reading.

Applications

Recommended for toll stations.

Features

- With a smart camera to identify, capture and send the records to the server without any external equipment.
- It can be fixed in different structures: metal or masonry.
- Aluminum casing oxidation, vibration, adverse weather conditions and small ballistic projectiles resistant.
- Installation using the sensors available in the toll station.
- It allows the use of an auxiliary camera to register front and rear capture simultaneously.

Technical specifications

Camera

- | | |
|----------------------|---|
| Resolution (pixels): | ▪ 1920 x 1080 |
| Color management: | ▪ Monochromatic, polichromatic or day/night |
| Lightning system: | ▪ Infrared |
| Video: | ▪ 2 channels H264 for live monitoring |

Form of capture

- Rear
- Front (optional)

Interfaces

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

Required entries

- | | |
|-------------------------|---|
| Passage of the vehicle: | ▪ Indicates the passage of the vehicle through the image capture area. |
| Payment status: | ▪ It indicates whether the vehicle was duly charged. |
| Timestamp (optional): | ▪ It indicates the start of the vehicle's movement, allowing the synchronization between the toll evasions records and the toll information system. |

Electrical features

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|--------------------|---------------------|
| Supply voltage: | ▪ 110 or 220Vac |
| Average power: | ▪ 30W |
| Peak power: | ▪ 80W |
| Power consumption: | ▪ Up to 21kWh/month |

Environmental conditions

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|------------------------|------------------------------|
| Operating temperature: | ▪ -10° C to 55° C |
| Relative humidity: | ▪ Up to 95% (non-condensing) |

Regulation

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|------------------------------|---------------|
| <i>INMETRO</i> Registration: | ▪ 002494/2016 |
| <i>DENATRAN</i> Ordinance: | ▪ 179/2015 |
| <i>INMETRO</i> Ordinance: | ▪ 372/2012 |

