

# MESTA 3000

AUTOMATIC RED LIGHT RUNNING CONTROL

Inductive or virtual loop technology

Monitors one to four lanes

24/24 automated operation

High definition digital colour camera

Remote parameter setting and maintenance

Vandal proof

Discreet



# MESTA 3000

## AUTOMATIC RED LIGHT RUNNING CONTROL



### Technical characteristics

- Day and night operation
- Number of monitored lanes: up to 4
- Inductive or virtual loop
- Camera resolution from 10 to 15Mpixels, adapted to the width of the intersection
- Data storage capacity: more than 10.000 violation messages
- Transmission: IP technology
- Connection: wired, wireless, satellite or fibre optic networks
- Power supply: 230V AC 50Hz
- Approved operating temperatures: -25°C to +55°C (-13° to +131°F)
- Relative humidity: 95% (without condensation)
- Conforms to EU regulations for electrical equipment, meaning it carries the CE logo.

### Increasing security in urban areas

The majority of accidents in urban areas results from traffic offenses, in particular those happening at traffic lights. To meet the authorities' needs in this field, Morpho has developed, in addition to its line of speed cameras, the Mesta 3000 system that automatically controls red light running. It can easily be installed at the most dangerous intersections.

The Mesta 3000 is designed for integration into an automatic traffic enforcement project (combining speed limit and red light enforcement) for which the violation processing centre can be regional or national.

### A modular and scalable solution

• **Effective:** based on inductive and virtual loop technologies, the Mesta 3000 monitors up to four lanes. Its wide field of view, fast response, high definition digital camera provides two colour photos of each red light violation, necessary

for identification of the offending vehicle and the reading of its number plate. As an option, the system can acquire short video footage of the violation (starting a few seconds before the actual red light running, ending a few seconds after) to allow analyzing the sequence of events.

• **Well integrated into the urban landscape:** discreet and elegant, the MESTA 3000 fits harmoniously in urban environments. Designed to adapt to various site configurations, the Mesta 3000 is also protected against vandalism.

• **Remote maintenance and parameter setting:** to ensure optimal availability, the Mesta 3000 devices are remotely monitored by the processing centre (VPC), via a secure network.

• **Secure:** all data generated by Mesta 3000 are encrypted locally. With a large storage capacity the system can record the violation messages and a number of events (alarms, logs). All data are either transmitted in real time to the processing centre, or stored for later batch transmission.

#### Morpho

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