

Autopatrol Lane



Purpose

The system is intended to register such traffic violations as: driving in the lane intended for route transport and running wrong side on one-way road.

The system forwards violation evidence to Data Processing Center via Ethernet or GSM.

Scope of supply:

- DVS-857A camera – 1 pc;
- CVD-10215-50 IR floodlight – 1 pc;
- CVD-528 controller – 1 pc;
- Mounting kit – 1 set.

DVS-857A high-resolution camera can be fixed toward and along the traffic flow.

CVD-528 controller with proprietary «Autopatrol Lane» software stores a list of public and route transport license plate numbers. Software fixes traffic violations by recognizing license plate numbers in a specific lane and detecting vehicle driving direction. If the vehicle number is not included in the database of approved numbers, the system sends the evidence to traffic enforcement center via secured GSM channel (option-fiber line) to issue citations. The evidence includes pictures confirming traffic violation.

The system incorporates automatic daily update of approved license plates via GSM channel.

CVD-10215-50 IR floodlight provides 24/7 operation.

Application

«Autopatrol Lane» traffic enforcement system is applied to control route transport lanes and one-way roads.

Technical specification

Parameter	Value
Road width, m	12
Протяженность зоны обнаружения нарушения, не более, м Max violation detection area length, m	10
License plate recognition rate	0,96
Operating time	24/7
Video frame rate, fps	25
Resolution, px	1280x960
Max IR floodlight distance, m	50
Violation event storage time, days and nights	30
Number of stored violations events	1000
GSM data transmission	Yes
Cycled rerecording	Yes
Different week days and time modes	Yes
Average lifetime, years	5
Meantime to failure, hours	3000
Ingress protection	IP65
Operating temperatures, °C	from – 40 to + 50
AC voltage, V/Hz	220 / 50
Max consumed power, W	580
Weight, kg	30

Template Layout

«Autopatrol Lane» Traffic Enforcement System

