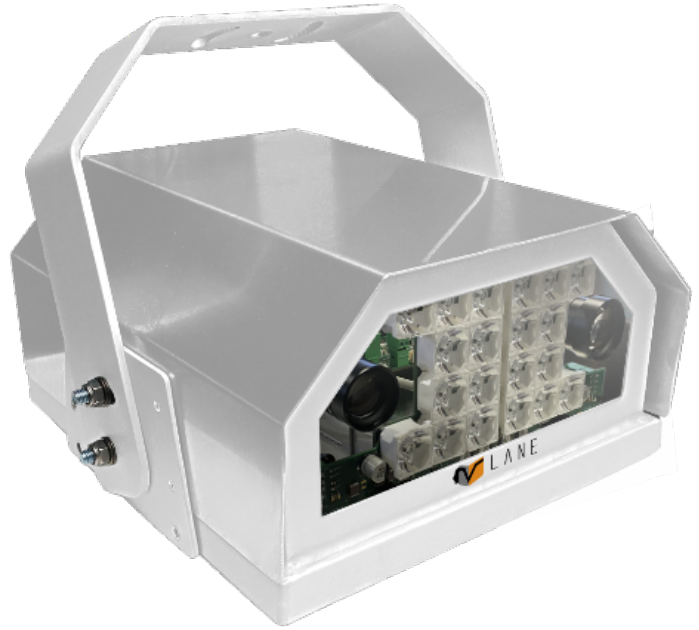




v-LANE A5 JN D2 @75fps Multifunctional ANPR 250Km/h

- 2 lanes cover
- Double heads OCR BW IR camera + Color context Camera
- Plate reading up to 250 Km/h in free-run
- Integrated Strobes IR LED Lighting
- Resolution 5 Mpixel BW OCR camera
- Resolution 2 Mpixel color context camera
- OCR library on board with 36 European countries, 7 Asia, 5 Africa, 4 South America and special plates as trailers, Kemler ADR, Tram
- Daylight Video Classification of Vehicles 5+1 classes (Truck, Bus, Car, Motorbike, Van + unknown);
- Night Video Classification of Vehicles 4+1 classes (Truck, Bus, Car, Motorbike, + unknown);
- Daylight Video Classification of vehicle's color (white, grey, red, blue, black, yellow + unknown)
- Brand vehicle Recognition
- Option: model vehicle recognition (rear view);
- Gate AID alarm suite
- AID statistics data production
- Color video recording, DVR function
- Estimated speed function
- Black & White Lists
- Cloud ready
- Compatible with General Supervisory Platform v-SUITE by Vigilante
- **OCR library validated several times UNI 10772: 2016 Class A**



FEATURES:

Analysis and Recognition

The v-LANE A5 D2 is the intelligent double head, 5Mpixels OCR, and 2 Mpixel Context, camera that can control and handle all road traffic issues for both security and traffic control aspects.

Data

Alarms, data, statistical data, images and video streaming can be stored locally on SD cards or SSD memory, sent to the customer supervision system, or sent to the supervisory platforms contained in the Vigilante's v-SUITE. The device has FTP, XML-RPC (HTTP) and serial protocols.

ANPR

Optical Character Recognition (OCR) library of 27 EU countries, various non-EU countries, Arabic characters and specialty plates for the Italian market such as: Trailers, Kemler Codes and Special Targets (Police, Army, Ambulances, Civil Protection ...).

Classification

The v-LANE A5 D2 has a video analysis software that recognizes vehicle types between trucks, cars, motorcycles and scooters, mid-sized vehicles such as van, SUV, pickups, and commercial vehicles, unknown; it is also able to identify the dominant color between a range of 6 colors such as: white, gray, red, blue, yellow and black.

Brand & Model classification.

AID

The device is equipped with Gateway AID algorithms that allow slow traffic detection, speed estimation, street pedestrian, smoke or fog, dimming etc

...

- Access control public and private parking
- Control of territory and road
- Access control residential areas
- Tolling systems



v-LANE A5 JN D2 @75fps Multifunctional ANPR 250Km/h

DATASHEET:



SENSOR1:	2560 x 1936 CMOS OCR BW camera
SENSOR2:	1920 x 1080 Full HD CMOS COLOR Camera
GRABBING:	Up to 75 fps
OPTICALS:	Standard C mount lens
DAY & NIGHT:	IR Cut & Neutral filter
PROCESSOR:	1,2GHz Quadcore + HW VIDEO ENCODER unit
MEMORY:	4GB RAM
OPERATING SYSTEM:	Linux
STORAGE:	HD SSD 128 GB (up to 1TB)
I/O Option extended I/O:	N°3 Input PNP 5-30Vdc optoisolated, N°2 Output relay
LAN & PORT:	N°1 10/100/1000 Ethernet port, N°1 RS-232 port
STREAMING:	OCR Camera MJPEG, COLOR Camera MJPEG, H264@15fps, RTSP
SENSING:	Accelerometers, Temperature, Humidity, Consumption, Inclinometer
PROTOCOLS:	TCP, FTP, XML-RPC (on HTTP), ONVIF
OCR LIBRARIES:	27 EU countries, many countries extra EU, Kemler code (dangerous goods), Arabic characters, Italian special plates
VEHICLES CLASSIFICATION:	Video classification function to detect vehicle types like Truck, Bus, Car, Motorbike, Motorcycle, medium size vehicles (van, pickup, SUV, commercial vehicles, small trucks).
COLOR CLASSIFICATION:	6 colors classification
GATE ID:	Slow traffic, queue, vehicle stationery in the road, vehicle in the wrong direction, smoke/fog, pedestrian detection
TVCC:	H24 color video recording for CCTV systems
SPEED ESTIMATION:	Speed estimation with video analysis algorithm
POWER SUPPLY:	+24VDC 5A 20W typically (8A with double illuminator)
DIMENSIONS:	350 x 270 x 165 mm
WEIGHT:	6 Kg ~
OPERATING TEMPERATURE:	-30°C / 55°C
HUMIDITY:	90% Relative humidity non condensing
PROTECTION:	IP66
ILLUMINATOR:	2x 10 high power LED - CLASS 1M CEI EN 69825-1 ED. 4, 850 nm IR LED
OPTIONS:	Wall bracket, Pole adaptor, 3G - GPRS - HSUPA - UMTS, GPS, Wi-Fi, SSD up to 1TB



Vigilate - PSIM
(Physical Security Information Management)



V-010623-1853-UPD

Vigilate S.r.l.

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Dasa-Rägister