



v-LANE A1B 2MPX@60 fps ANPR 160 Km/h

- 1 lane cover
- Mono lens camera IR + Colors (Bispectral)
- Plate reading up to 160 Km/h in free-run
- Integrated Strobes IR LED Lighting
- Resolution 2 Mpixel (context + OCR)
- OCR library on board with 36 European countries, 7 Asia, 5 Africa, 4 South America and special plates as trailers, Kemler ADR, Tram
- Gate AID alarm suite
- AID statistics data production
- Estimated speed function
- Black & White Lists
- Cloud ready
- Compatible with General Supervisor Platform v-SUITE by Vigilate
- **OCR library validated several times UNI 10772: 2016 Class A**



FEATURES:

Analysis and Recognition

The v-LANE A1 B is the intelligent 2Mpixels 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 Vigilate'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 speciality plates for the Italian market such as Trailers, Kemler Codes and Special Targets (Police, Army, Ambulances, Civil Protection ...).

AID

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

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



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DATASHEET:



ELECTRO - OPTICS:	2 Mpix CMOS Color + IR (bispectral) Global shutter Full-HD
GRABBING:	Up to 60 fps
LENS:	varifocal lens f = 8-50 mm, IR + color
PROCESSOR:	QUADCORE + HW VIDEO ENCODER unit
MEMORY:	1GB RAM, 16/32GB iNAND Flash
OPERATING SYSTEM:	Linux
STORAGE:	16GB (up to 128GB) USB
LAN AND PORT:	N°2 Input PNP 5-30Vdc opto-isolated, N°2 Output relay, N°1 10/100/1000 Ethernet port, N°1 RS-485 port
STREAMING:	MJPEG, H264
SENSING:	Accelerometers, Temperature, Humidity, Consumption, Inclinometer
PROTOCOLS:	TCP, FTP, XML-RPC (on HTTP/HTTPS), RTSP, openVPN, HTTP, HTTPS, ONVIF
POWER SUPPLY:	+24VDC (1,25 A) or +12VDC (2,5A) (10W typically) or UPOE 60W
DIMENSIONS:	450 x 140 x 150 mm
WEIGHT:	2,5 Kg ~
OPERATING TEMPERATURE:	-40°C / 60°C
HUMIDITY:	90% Relative humidity non condensing
PROTECTION:	IP67 + IK10 (opzionale)
ILLUMINATOR:	CLASS 1M CEI EN 69825-1 ED. 4, 850 nm IR LED
OPTIONS:	Wall bracket, Pole adaptor, GSM/UMTS module



Vigilate - PSIM
(Physical Security Information Management)



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Dasa-Rägister