



v-LANE A0B 2MPX@60fps Multifunctional ANPR 60 Km/h

- 1 lane cover
- Mono lens camera IR + Colors (Bispectral)
- Plate reading up to 60 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
- 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)
- Gate AID alarm suite
- AID statistics data production
- Estimated speed function
- Black & White Lists
- Cloud ready
- Compatible with General Supervisory Platform v-SUITE by Vigilate
- **OCR library validated several times UNI 10772: 2016 Class A**



FEATURES:

Analysis and Recognition

v-LANE A0 B is the intelligent ANPR camera for the control of: gateways, gates, low speed passages. v-LANE A0 B is able to read plates in any brightness condition.

Performance

v-LANE A0 B detects up to 60 images per second through which it analyzes, identifies, and validates the license plates of the vehicles. This result obtained through the use of sophisticated software allows you to read the transit plates with speeds up to 60 km/h in free-run mode.

Data

Data and images can be stored locally on a Micro SD card, sent to the Customer Surveillance System or sent to the v-SUITE Supervisory Platform. The device has FTP, XML-RPC (HTTP) and serial protocols. **Software**

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

Classification

The v-LANE A0 B 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.

Data security

Storage and transmission of generated data are carried out through highly reliable and secure protocols, guaranteeing the highest level of inviolability and privacy.

- **Access control for public and private parking**
- **Access control for residential and commercial areas**
- **Access points to ports, airports, stations, etc ...**



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DATASHEET:



ELECTRO - OPTICS:	2 Mpix CMOS Color + IR (bispectral) Rolling shutter Full-HD
GRABBING:	Up to 60 fps
LENS:	Standard S mount fixed lens
DAY & NIGHT:	IR Cut
PROCESSOR:	Quad Core + HW VIDEO ENCODER unit
MEMORY:	1GB RAM, 16/32GB iNAND Flash
OPERATING SYSTEM:	Linux
STORAGE:	16GB (up to 128 GB) USB
I/O:	N°3 Input PNP 5-30Vdc optoisolated, N°2 Output relay
LAN AND PORT:	N°1 10/100/1000 Giga Eth. port, RS-485 port
STREAMING:	MJPEG, H264
PROTOCOLS:	TCP, FTP, XML-RPC (on HTTP/HTTPS), RTSP, openVPN, HTTP, HTTPS
POWER SUPPLY:	+24VDC (1,25 A) or +12VDC (2,5A) (8W typically) or UPOE 60W
DIMENSIONS:	120 X 120 x 110 mm (w x h x l)
WEIGHT:	750 gr
WORKING TEMPERATURE:	-30°C
HUMIDITY:	90% Relative humidity non condensing
PROTECTION:	IP66, IK10
ILLUMINATOR:	CLASS 1M CEI EN 69825-1 ED. 4, 850 nm IR LED
OPTIONS:	Tower Case, Wall bracket, Pole adaptor, Micro SD 32 GB



Vigilate - PSIM
(Physical Security Information Management)



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Dasa-Rägister