



v-PATROL 5B 5MPX@75 fps Mobile ANPR

- Single infrared camera + bi-spectral colors
- License plate reading in dynamic mode up to 100 km/ h of differential speed between the vehicle and its own target
- Integrated IR stroboscopic LED illuminator
- 5 Mpixel resolution (context + OCR)
- On-board OCR library with 36 countries in Europe, 7 Asia, 5 Africa, 4 South America and special plates such as Trailers, Kemler ADR, Tram
- Local DVR function
- WiFi Communications option;
- GPS device with external antenna
- Magnetic fixing bracket for car roof
- Black & White lists
- Cloud Accessible
- Compatible with Vigilate's v-SUITE general supervision platform



OCR library validated several times UNI 10772: 2016 A Class

FEATURES:

Analysis and recognition on the gov-PATROL 5B is the intelligent license plate reading camera designed for mobile installations on board vehicles capable of operating even when moving up to a maximum combined speed between vehicles of 200Km/h thanks to the possibility of acquiring and analyzing up to 75 images per second. Equipped with an on-board 5Mpixel sensor, it is able to read license plates from a distance of 3 meters up to a maximum distance of 12 metres. The device includes a GPS antenna in order to correlate, in real time, the capture of license plate images with the relative GPS position and the exact time of detection. **Data** Alarms, data, statistical data, images and video streaming can be stored directly locally on an SD card or SSD, sent to the customer's supervision system or sent to the supervision platforms contained in the Vigilate v-SUITE. The device has FTP, XML-RPC (over HTTP) and serial transmission protocols. **ANPR** Optical Character Recognition (OCR) library complete with 36 European countries, various non-EU countries, Arabic characters and special plates for the Italian market such as: Trailers, Kemler Codes and special plates (Police, Army, Ambulance, Civil Protection...). **Traffic statistics** v-PATROL 5B is a license plate reading camera designed for installation on moving vehicles. Installed on the roof of a car or inside the passenger compartment, it reads the license plates of parked vehicles or those of vehicles coming in the opposite direction. Thanks to its optimized optical layout and the OCR library capable of working with reading angles up to 70°, it is able to guarantee an extraordinary correct reading rate.

- Checking vehicles parked on the side
- Territorial and traffic control



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DATASHEET:



ELECTRO - OPTICS:	5 Mpix CMOS Color + IR (bispectral) Global shutter Full-HD
GRABBING:	Up to 75 fps
LENS:	C mount fixed IR 12mm ;
RANGE:	from 3 to 20m
PROCESSOR:	QUADCORE + HW VIDEO ENCODER unit + Neural coprocessor
MEMORY:	4GB RAM, 16GB e-MMC Flash
OPERATING SYSTEM:	Linux
STORAGE:	HD SSD 120GB (option up to 2TB)
LAN AND PORT:	N.2 input opto-isolated NPN-PNP ;12-24Vdc. , N.1 fast output strobo NPN 12-24Vdc. , N.1 output NPN 12-24Vdc opto-isolated. N.1 output full relè 12-24Vdc 1A N.O
GPS:	
WiFi option:	
STREAMING:	MJPEG, H264, H265, RTSP
SENSING:	Accelerometers, Temperature, Humidity, Consumption, Inclinometer
PROTOCOLS:	TCP, FTP, XML-RPC (on HTTP - HTTPS)
POWER SUPPLY:	+12VDC -> +24VDC 2,5A 15W typically or Ultra PoE 60W 6th Class
DIMENSIONS:	250 x 120 x 120 mm
WEIGHT:	1,5 Kg approx
OPERATING TEMPERATURE:	-30°C / 60°C
HUMIDITY:	90% Relative humidity non condensing
PROTECTION:	IP68 + IK10
ILLUMINATOR:	CLASS 1M CEI EN 69825-1 ED. 4, 850 nm IR LED
OPTIONS:	3G - GPRS - HSUPA - UMTS



Vigilate - PSIM
(Physical Security Information Management)



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Vigilate S.r.l.

Via Napoleonica, 6 - 25086 Rezzato BS Tel. +39 030 8081000 | Fax +39 030 8081019 | www.vigilatevision.com | info@vigilatevision.com
Cap. Soc. € 10.000,00 I.V. | C.F. / P.IVA.: IT 01598660056 - SDI: W7YVJK9



Dasa-Rägister