

QCAM3

Another great addition to the well-known QCAM camera range

Integrating the latest cutting-edge technologies (deep learningbased algorithms), the QCAM3 ANPR camera delivers unprecedented number plate recognition capabilities. Additionally, its outstanding image resolution and a **unique set of functionalities** designated to provide further vehicle characterization makes this product the "best in class" within its category.

The QCAM3 camera can operate on 2 lanes and is able to differentiate all kind of vehicles (e.g. cars, trucks, busses, motorcycles, bicycles, trams, etc.), objects and persons.

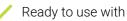
Moreover, it also integrates in option a "Make & Model" recognition feature, as well as a "vehicle color" characterization. Both features are invaluable in finding vehicles and closing the current gap in similar product offerings, as these features, when available, typically require additional hardware and software.

The QCAM3 camera is also able to calculate an instantaneous **speed** estimate for each vehicle travelling within its field of view.

The whole QCAM3 camera technology is embedded in a small footprint - but well-designed - housing that discretely blends into urban environments. All details have been carefully thought and engineered to facilitate its installation and deployment: a miniaturized motorization within the support arm allows remote alignment, removing the burden of relying on an aerial lift truck for final mechanical setup.

MAIN TECHNICAL **CHARACTERISTICS**

- 5 MP single high-sensitivity CMOS sensor (Color)
- Processor: NVIDIA Jetson Nano
- Vehicle speed detection from 0 to 300 km/h
- Connectivity: Ethernet, Wi-Fi, 4G, 4G LTE
- GPS included
- Motorized support arm (tilt & pan)
- PSU: 12V DC 1.5A (20W)
- Weight: 2kg
- IP67 protection & IK10
- CE conformity



MACQ MOBILITY



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TECHNICAL DATA

Meximum speed of detected objects Working distance Up to 50 m (day), up to 30 m (night) Werking distance 99% Pate recognition accuracy 99% Pate recognition accuracy 99% All kind of vehicles (incl. cars, trucks, busese, motorcycles, bioycles frame, etc.), objects and persons Make & model recognition Werking of the company of the compan		QCAM3
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Yes (5G on request)	Storage SSD	256 GB / 512 GB / 1 TB
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System integration Ma platform and other systems via SDK (available upon request) Mechanical & Conformity Dimensions 188 x 143 x 99 mm³ (camera + fixture) 2 kg Power supply Autonomous power supply thanks to solar panel & battery CE conformity Yes IP/IK rating Operating temperature M³ platform and other systems via SDK (available upon request) 188 x 143 x 99 mm³ (camera + fixture) 2 kg Available upon request Yes IP67, IK10 -25°C to +65°C	Data transmission	HTTPS, JSON, SNMP, UTMC, RTSP
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Solar panel & battery CE conformity Yes IP/IK rating Operating temperature Available upon request Yes 1P67 , IK10 -25°C to +65°C	Power supply	12V DC, 1.5A (electrical starting peak), 20 W
IP/IK rating IP67 , IK10 Operating temperature -25°C to +65°C	Autonomous power supply thanks to solar panel & battery	Available upon request
IP/IK rating IP67 , IK10 Operating temperature -25°C to +65°C	CE conformity	Yes
Operating temperature -25°C to +65°C	IP/IK rating	IP67, IK10
	Operating temperature	
	Operating humidity	10% to 95%