

Another great addition to the well-known QCAM camera range

Integrating the latest **cutting-edge technologies** (deep learning-based algorithms), the QCAM7 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 QCAM7 camera can operate on **1, 2, 3 or 4 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 QCAM7 camera is also able to calculate an **instantaneous speed estimate** for each vehicle travelling within its field of view.

The whole QCAM7 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

- 12 MP dual high-sensitivity CMOS sensors (B/W & Color)
- Processor: NVIDIA Jetson XAVIER NX
- Vehicle speed detection from 0 to 300 km/h
- Connectivity: Ethernet, Wi-Fi, 4G, 4G LTE, 5G
- GNNS included
- Motorized support arm (tilt & pan)
- PSU: 24V DC 2.5A (35W only)
- **POE**
- Weight: 3.5kg
- IP67 protection & IK10
- > CE conformity
- ONVIF Compatibility



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Overall Performances 1 - 2 - 3 - 4 Number of monitored lanes 1 - 2 - 3 - 4 Mostimum speed of detected objects Up to 300 km/h Working distance Up to 50 m (day), up to 30 m (night) Vehicle detection accuracy 99% Plate recognition accuracy 99% OCR NVIDIA 256-core-based deep learning Classification All kind of vehicles (clici cars, trucks, busses, motorcycles, busyles, motorcycles, promption West Captional All kind of vehicles (clici cars, trucks, busses, motorcycles, busyles, motorcycles, promption Make & model recognition Yes (optional) Vesic (prional) Yes (optional) Hardware & Connectivity 25 / MP Sort (ANP R. context carner) 72 / MP Predetermined Focal lengths 8 mm / 12 mm / 16 mm / 26 mm / 36 mm Farme trate 25 / ftp. Use of prional 8 mm / 12 mm / 16 mm / 26 mm / 36 mm <th< th=""><th></th><th>QCAM7</th></th<>		QCAM7
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