Since 1988 Tattile develops and produces Vision Systems, for quality inspection on production lines and ANPR cameras for ITS applications.

A high-tech company with a strong international outlook. We have always distinguished ourselves, thanks to our sharp innovation capacity and to the collaborative spirit, which animates the entire organization.

Today Tattile is a completely renovated company, placed on sound financial basis, projected with enthusiasm to future vision scenarios, enriched by a new management team fully dedicated to include state of the art technology into our products.

Strong international projection, more than 70% of our turnover is realised outside Italy (of which 50% in Europe and 50% rest of the world), thanks to a network of top class international System Integrators and local partners.

Operations: thanks to last generation tools in both Material Management and Production Planning (SAP BusinessOne®) and to a dedicated team of engineers, we implemented an extremely lean and responsive Supply Chain model, which enables us to achieve very short and competitive delivery times even for high volume tenders, without sacrificing cost-effectiveness.

ANPR solutions for ITS applications

Innovation, Customer Orientation and Flexibility are the main values of our organization. In Tattile, we are fully devoted to understand our partner’s needs, in order to provide innovative solutions, shaped accordingly to each specific situation or request.

We are fully engaged in the creation of cutting edge ANPR Cameras, able to fulfill the most demanding applications in the ITS market worldwide, always in compliance with strict quality standards, ensuring reliability and operating cost efficiency.
R&D

Tattile’s R&D Department employs a team of over thirty dynamic engineers with expertise in hardware-software design and in optics and mechanical integration.

Thanks to the synergy between these skills, to the constant attention, to the innovation spirit and to the active collaboration with leading European universities, we are able to develop cutting-edge ANPR Cameras for ITS applications.

Powerful and reliable hardware, easy to use software, maximum integration and flexibility are the strengths of our systems; cameras designed for severe settings typical of ITS (Intelligent Transportation Solutions) systems.

The experience of Tattile R&D team enables us to collect new challenges, ensuring customer the safety of a technological partner, which is able to meet the most demanding needs in the field of ANPR Cameras and OCR software.

### R&D - hardware

- **Flexible and Fast**, thanks to the competence to design PCBA and to programming FPGA to develop product according to market new requirements
- **State of the Art Performance**, designing embedded systems with Multi Core CPU (ARM, x86) with High Integration with Software development to exploit every single component
- **Consistent** with the competence of EMC and EMI oriented design and the extended know how for Design for Testing to guarantee a High Quality Level
- **Innovative** with capacity to improve our knowhow and embed Edging Technologies (e.g. Hyperspectral, TOF) on our machine in an easy and quick way to give always a leading product

### R&D - software

- **Complete and Flexible** with the strong knowhow in the most important OS (Windows, Linux, Android) and the different languages (C, C++, ...) to exploit Hardware for every single application
- **Open**, thanks to capacity integrate an in very easy way 3rd parties Software and Open Libraries to exploit the best in class world knowledge
- **Lean and Performant**, thanks to our capacity to design and tailor brand new algorithms on the most powerful Hardware sets
- **Innovative** with the capacity to embed Academies and Start-ups know how in our open Software architecture
**Embedded Technology:** OCR and image processing are embedded in the ANPR Camera (no need of extra PCs or software licenses)

- Multicore Processors
- Multi transit/second management capability

**Optional Features:**
- Two on-board Licence plate recognition
- Embedded brand and color recognition
- Embedded optical vehicles classification
- HD video streaming
- Auto trigger
- Optical speed estimation

**On field Service**
- Tattile’s Field Application Engineers (FAE) are fully dedicated to assist our partners during Design, Installation and After sales
- Worldwide on-field service available for partners

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**One step forward**
- Tattile’s OCR is fully developed by our internal software team (in-house development)
- Tattile offers more than 110 in-house developed OCR libraries
- New OCR libraries can be developed and tested by request
- Tattile can handle more than one OCR country on each ANPR camera; for instance, 28 European countries are embedded in one single library.
- New OCR libraries available for the US market
- Third parties OCR transferable on-board (no processing on external PC requested)

**OCR**
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- New OCR libraries available for the US market
- Third parties OCR transferable on-board (no processing on external PC requested)
Embedded multicore processors
Embedded FPGA
High sensitivity sensors
Scalable device
LTE and GPS available as options
SSD from 128GB up to 1TB according to customer needs
Smart design
IP68 protection grade
Extended temperature range (-40°C / + 55°C external temperature)

The hardware system has been designed using a modular approach able to receive different processors ensuring future CPU evolutions for state of the art performances.
Modular Platform designed to welcome various sensors in order to match all the applications requested by the most challenging scenarios.
Scalable HW architecture to welcome different FPGA modules and to ensure high-speed image processing in harsh situation.
Use of FPGA grants a huge processing capability for real time image processing and ANPR analysis.

SSD from 128 GB up to 1TB (Smart family)
Modular architecture allows an easy customization of the HW platform according to complexity of the application.
Device able to detect and read NO reflective licence plate, without any external illuminator.
Extra sensitive sensor mounted on Smart 2HD’s context camera ensures quality images also in low light conditions (from 25 Lux).

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Scalable HW architecture to welcome different FPGA modules and to ensure high-speed image processing in harsh situation.
Use of FPGA grants a huge processing capability for real time image processing and ANPR analysis.

HW Scalability

Top Performance Hardware
Top Performance Software

- Linux OS
- Optional App-like software available to enhance device performances
- Camera SW can be upgraded from remote
- Our Linux platform welcomes third-party algorithms to be embedded directly on-board
- Standardized interface allows future system upgrades without significant reworks
- Plug-and-play interfaces make the new HW fully compatible with Tattile’s previous ANPR cameras
- Proprietary OCR SW
- Auto iris SW to adjust camera image acquisition according to external light conditions
- SDK available for easy integration
- Proprietary App for remote configuration

SW Scalability

Additional functional (App-like) packages, enlarge the camera features

- The additional Apps transform the camera from a standard plate reader to a smart vehicles analyser and a security system
- The optional Apps can be uploaded on demand, including once the camera is already in operation
- Install pack uploadable via remote connection
The Smart camera can simultaneously run two different OCRs on-board.

Real-time licence plate identification done by two different softwares.

A sophisticated algorithm matches the two results selecting the correct one.

Validated licence plate data output directly from the camera.

### A Brand, Class and Color recognition

New frontier in vehicles identification

- Vehicle Brand, Class and Color recognition algorithm running inside the camera.
- Licence plate, Brand & Color and class create the so-called vehicle «fingerprint» in a single report.
- All the information provided by a single source.
- No extra cost for external software, processing server and integration time.

### B Double OCR

Accuracy - Accuracy - Accuracy

- The Smart camera can simultaneously run two different OCRs on-board.
- Real-time licence plate identification done by two different softwares.
- A sophisticated algorithm matches the two results selecting the correct one.
- Validated licence plate data output directly from the camera.
Vega Smart 2 HD can use its increased processor capability to provide a video streaming, directly taken from the context camera. Video is RTSP and ONVIF compliant, and the camera can stream video 24/7 without interfering with the plate recognition process.

Advantages:

• A single camera for two different applications (ANPR + CCTV)
• Important savings on the installation and maintenance side
• Reduced urban architectural impact (only one camera instead of two)

- The embedded auto trigger improves the camera detection rate
- The image analysis algorithm detects vehicles up to 250 km/h without any external trigger
- Capability to provide images of every vehicle, even without a license plate

The SW provide a reliable vehicle's speed estimation without any external device.

The embedded proprietary algorithm able to provide a vehicle's speed estimation (error ±5%) using image analysis only.

The SW scalability

C Autotrigger 2.0

- No vehicle lost
- The embedded auto trigger improves the camera detection rate
- The image analysis algorithm detects vehicles up to 250 km/h without any external trigger
- Capability to provide images of every vehicle, even without a license plate

D Speed estimation

- Speed by image
- Embedded proprietary algorithm able to provide a vehicle's speed estimation (error ±5%) using image analysis only
- The SW provide a reliable vehicle's speed estimation without any external device

E HD video from context camera

- Video Surveillance at a glance
- Vega Smart 2 HD can use its increased processor capability to provide a video streaming, directly taken from the context camera
- Video is RTSP and ONVIF compliant
- Camera can stream video 24/7 without interfering with the plate recognition process
- Advantages:
  • A single camera for two different applications (ANPR + CCTV)
  • Important savings on the installation and maintenance side
  • Reduced urban architectural impact (only one camera instead of two)

F Easinstall App

Quick and fast camera configuration

Tattile proprietary App for a quick and fast installation, the essential time-saving tool for any installer.

Main functionalities:
- Discover available cameras via Wi-Fi, 3G/4G
- Connection to a camera via SSID (Service Set Identifier) / Hidden SSID
- Take a screenshot of the ANPR camera
- Remote update / Clear of the camera’s public keys
- Send email directly to technical support
- Create Hotspot connection
- Support Web view
- Scan the QR Code

App is available in Android and Apple stores
Applications

Tolling System
- Free Flow tolling (Vega Smart HD/2HD)
- Stop & Go tolling (Vega Basic Short Range)
- LTZs (Limited Traffic Zones) (Vega Basic Long Range)

Enforcement System
- Speed enforcement (Vega Smart Speed)
- Red light enforcement (Vega Smart Traffic Light)
- Priority lanes (Vega Basic Long Range)

Police Enforcement
- ANPR Mobile
- Security (Vega Smart HD/2HD)

Vehicle Tracking
- ANPR & Tracking (Vega Basic Long Range / Vega Smart HD/2HD)
- Parking & Access Control (Vega Basic Short Range)

ANPR solutions
The Vega Smart Family

Automatic Number Plate Reader

The Vega Smart line is built over a very performing base allowing a high scalability, for high-end, multivehicle per second applications.

The camera can be integrated/connected to external devices and can receive vehicle’s class data from external classifier (tunnel scanner, radar, loops, etc.), tag identifier from RFID antenna and vehicle’s axels number data from external device.

Stand alone: thanks to the local buffering of information, the system is able to work also in case of disruption of data connection.

Camera designed to detect and recognize reflective and non reflective licence plate.

New context camera color sensor capable to provide good quality image even in low light conditions (from 25 Lux).

Vega Smart Family Applications

- Multilane Free Flow
- Police enforcement
- Vehicle tracking and monitoring
- Border control
- Tax and insurance control
- Congestion charge, access control to limited traffic areas

Included Features and Optionals

<table>
<thead>
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<th>Vega Smart LHD</th>
<th>Vega Smart Speed</th>
<th>Vega Smart Traffic Light</th>
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<tbody>
<tr>
<td>Feature</td>
<td>HD Color</td>
<td>HD Color</td>
<td>HD Color</td>
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<tr>
<td>Processor</td>
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<td>Full HD Sensor</td>
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<td>Color Sensor</td>
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<td>Vehicle Speed</td>
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<td>Embedded License Plate</td>
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<td>Traffic Light Violation</td>
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<td>Plate color recognition</td>
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<tr>
<td>Optical Flow</td>
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<tr>
<td>Speed Evaluation</td>
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</tr>
</tbody>
</table>

• Multilane Free Flow
• Police enforcement
• Vehicle tracking and monitoring
• Border control
• Tax and insurance control
• Congestion charge, access control to limited traffic areas


Incl. = Included / Opt. = Optional

Multilane Free Flow
Police enforcement
Vehicle tracking and monitoring
Border control
Tax and insurance control
Congestion charge, access control to limited traffic areas

New context camera color sensor capable to provide good quality image even in low light conditions (from 25 Lux).
The Vega Smart Line

is built over a highly performing base allowing outstanding scalability.

Options can be installed on demand.

Impressive capability to keep the device Always updated.

---

**Smart HD**

**Software features and Performance**

- Lane Detection: 99%
- Max Speed Detected: 250 km/h
- Working Distance [m]: up to 25
- Detection: 99%
- Reading: >95%
- OCR: ANPR engine on board
- 2nd Lever OCR: optional
- Grabbing: 75 fps
- Classification: optional
- Vehicle Color: NA optional
- Vehicle Maker: optional
- Vehicle Model: optional
- AES256: Yes
- SHA2: Yes
- Compression: JPG
- Streaming: Color video streaming H.264 via standard protocol RTSP
- Configuration: Web Server, TCP/IP Server: Installation and configuration by Web Server on board, Configuration and monitoring through FTP/HTTP protocol (SDK provided)
- Date and Hour: Synchronization via NTP protocol, IEEE 1588, GPS
- Software Update: Upgrading via Web Interface and SDK
- Data Transmission: FTP Client to FTP Server mode for remote data transmission; Multiple IP servers addressable; Tattile TCP/IP open protocol; (SDK provided)
- Standard protocols: XML, SNMP, NTCIP, DATEX2, UTMC, ONVIF, MODBUS
- Serial Port: Insulated RS485
- Operating System: Linux Operating System
- Digital i/o: 6 Optoisolated input - 4 Relay Output – 1 Strobe output
- Connectors: Waterproof circular connector
- IP Protection: Waterproof IP68
- Ethernet: GigaBit Ethernet 10/100/1000
- Storage: uSD up to 128 GB, HD/SSD up to 1 TB
- GPS: Optional
- LTE: Optional
- WiFi (Easinstall): Yes

**SMART HD**

**Technical Datas**

- **Operating & Storage**
  - Temperature: From -40° to +55° C
  - Humidity: From 10% to 90% non-condensing

- **Dimensions**
  - 290 x 127 x 235 mm (WxHxL)
  - Weight [kg]: 5.5

- **Power supply voltage**: 24 Vdc
- **Power consumption**: 50 W (max)

**Part Numbers**

- F01760: Smart HD
- F01761: Smart 2HD
- F01762: Smart Color HD

---

**Application**

- Toll collection
- Free Flow
- Traffic monitoring
- Security

**Vega Smart HD - Vega Smart HD Color - Vega Smart 2HD**

Free-Flow Tolling - Security
Vega Smart Speed

Automatic Number Plate Reader

- Real time detection of infringements with OCR on board
- Embedded multi-tracking radar
- No post-processing requested
- Detection of vehicles infringing average speed limits or punctual speed
- Capability to recognise every plate(s) (not only violators), very useful for security purposes
- All transit plates are recorded and available for:
  - Speed enforcement (spot average)
  - Tax and insurance control
  - Vehicle tracking
  - Traffic monitoring

---

**SMART SPEED**

**Software features and Performance**

- Lane Detected: 2
- Max Speed Detected [km/h]: 250
- Working Distance [m]: up to 25
- Detection: 99%
- Reading: >95%
- OCR: ANPR engine on board
- 2nd Lever OCR: optional
- Grabbing: 75 fps
- Classification: optional
- Vehicle Color: optional
- Vehicle Maker: optional
- Vehicle Model: optional
- AES256: Yes
- SHA2: Yes
- Compression: JPG
- Streaming: Color video streaming H.264 via standard protocol (RTSP)

---

**Configuration**

- Web Server: Installation and configuration by Web Server on board
- TCP/IP Server: Configuration and monitoring through TCP/IP protocol. (SDK provided)
- Date and Hour: Synchronization via NTP protocol, IEEE1588, GPS
- Software Update: Upgrading via Web Interface and SDK
- Data Transmission: FTP (client to FTP server mode for remote data transmission), Modbus/RTU server communication

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**Application**

- Enforcement
- Traffic monitoring
- Security

---

**System**

- ANPR camera: 5 MPx BW (5 MPx Color (color version))
- Context camera: MegaPixel Color CMOS sensor
- Illuminator: 12 high power LEDs, InfraRed @ 850 nm
- Lenses: C-Mount. Many focal lengths available.
- Operating System: Linux Operating System
- Digital i/o: 6 Optoisolated input – 4 Relay Output – 1 Strobe output
- Connectors: Waterproof circular connector
- IP Protection: WaterProof IP68
- Ethernet: GigaBit Ethernet 10/100/1000
- Storage: uSD up to 128 GB, HD/SSD up to 1 TB
- GPS: Optional
- LTE: Optional

---

**Technical Datas**

**Operating & Storage**

- Temperature: From -40° to +55° C
- Humidity: From 10% to 90% non-condensing
- Power supply voltage: 24 Vdc
- Power consumption: 50 W (max)

---

**Application**

- Enforcement
- Traffic monitoring
- Security

---

**Custom ANPR Solutions**

www.tattile.com
Vega Smart Traffic Light

Automatic Number Plate Reader

The new concept to safeguard the intersections

SMART TL2L allows the red light status identification through image analysis.

The system is able to manage different kinds of traffic installations (one or two lanes, one traffic light each lane or every two lanes)

- Red light enforcement
- Tax and insurance control
- Vehicle tracking
- Traffic monitoring

Capability to recognise every plate (not only violators’), very useful for security purposes;

All transit plates are recorded and available for:
- Red light enforcement
- Tax and insurance control
- Vehicle tracking
- Traffic monitoring

Hardware features and Performance

Software features and Performance

SMART TL2L

Lane Detected

Max Speed Detected

250

Working Distance

up to 25

Detection

99%

Reading

>95%

OCR

ANPR engine on board

2nd Lever OCR

optional

Grabbing

75 fps

Classification

optional

Vehicle Color

optional

Vehicle Maker

optional

Vehicle Model

optional

AES256

Yes

SHA2 compression

JPG Streaming

Color video streaming H.264 via standard protocol RTSP

Configuration

Web Server

Installation and configuration by Web Server on board

TCP/IP Server

Configuration and monitoring through TCP/IP protocol.

Date and Hour

Synchronization via NTP protocol, IEEE1588, GPS

Software Update

Upgrading via Web Interface and SDK

Data Transmission

FTP

FTP Client to FTP Server mode for remote data transmission; Multiple FTP servers addressable

TCP/IP

Tattile TCP/IP open protocol; (SDK provided)

Standard protocols

XML;

SNMP;

NTCIP;

DATEX2;

UTMC;

ONVIF;

MODBUS

Connectors

Waterproof circular connector

IP Protection

Waterproof IP68

Ethernet

GigaBit Ethernet 10/100/1000

Storage

uSD up to 128 GB

HD/SSD up to 1 TB

GPS

Optional

LTE

Optional

WiFi (Easinstall)

Yes

Operating & Storage

Temperature

-40° C to +55° C

Humidity

10% to 90% non-condensing

Dimensions

290 x 127 x 235 mm (WxHxL)

Weight

5.5 kg

Power supply voltage

24 Vdc

Power consumption

50 W (max)

Application

- Enforcement
- Traffic monitoring
- Security

Vega Smart Traffic Light

Traffic Light Enforcement
Vega Basic Family

Mainly targeted to stop & go tolling, parking and access control systems, with a maximum input power of 13W, the Vega Basic line features a Power-over-Ethernet (POE) interface for minimizing the installation and maintenance time.

- New generation full HD sensor for reading reflective and non-reflective plates
- Extra compact size to reduce the installation impact
- Stand alone; thanks to local buffering of information, the system is able to function also in case of disruption in the data connection
- The Vega Basic is easy to install and does not require an external IR lighting
- Vandal proof connectors

Vega Basic Family Applications
- Stop & Go tolling
- Parking
- Access control
- Urban road tracking
- Congestion charge
- Access control to limited traffic areas

### Vega Basic Family Applications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Short range</th>
<th>Long range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Recognition</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Brand Recognition</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Color Recognition</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Speed Estimation</td>
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<tr>
<td>Vehicle Recognition</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Class Recognition</td>
<td>X</td>
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<tr>
<td>License Plate Recognition</td>
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<tr>
<td>Easinstall App</td>
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<td>OCR</td>
<td>X</td>
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<td>Autoiris</td>
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<tr>
<td>Linux OS</td>
<td>X</td>
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<tr>
<td>Bw 2Mp sensor</td>
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<tr>
<td>Multicore Processor</td>
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<tr>
<td>FPGA</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Included Features and Optionals

- A multicore processor on board with Linux operating system
- New generation full HD sensor for reading reflective and non-reflective plates
- Extra compact size to reduce the installation impact
- Stand alone; thanks to local buffering of information, the system is able to function also in case of disruption in the data connection
- The Vega Basic is easy to install and does not require an external IR lighting
- Vandal proof connectors
- The Vega Basic is easy to install and does not require an external IR lighting
- Vandal proof connectors
**Vega Basic Short Range - Long Range**

**Automatic Number Plate Reader**

- **The Vega Basic Line** is built around a small and compact case.
- **POE** allow a single wire connection.
- Options can be installed on demand.
- **Impressive capability** to keep the device always updated.
- **Available in BW and Color version**.

<table>
<thead>
<tr>
<th>Feature</th>
<th>BASIC SHORT RANGE</th>
<th>BASIC LONG RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Software features and Performance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lane Detection</td>
<td>99%</td>
<td>99%</td>
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<tr>
<td>Max Speed Detected [km/h]</td>
<td>70</td>
<td>150</td>
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<tr>
<td>Working Distance [m]</td>
<td>up to 8</td>
<td>up to 25</td>
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<td>Reading</td>
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<td>Revision</td>
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<td>Web Server</td>
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<td>Installation and configuration by Web Server on board</td>
<td>Configuration and monitoring through TCP/IP protocol. (SDK provided)</td>
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<td></td>
<td></td>
<td>TCP/IP</td>
</tr>
<tr>
<td></td>
<td>FTP Client to FTP Server mode for remote data transmission; Multiple IP servers addressable</td>
<td>TCP/IP open protocol; (SDK provided)</td>
</tr>
<tr>
<td></td>
<td>Wiegand</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Standard protocols</td>
<td>XML; SNMP; NTCIP; DATEX2; UTMC; MODBUS</td>
</tr>
<tr>
<td></td>
<td>Serial Port</td>
<td>Insulated RS485</td>
</tr>
<tr>
<td></td>
<td>Water proof</td>
<td>IP67</td>
</tr>
<tr>
<td></td>
<td>Ethernet</td>
<td>GigaBit Ethernet 10/100/1000</td>
</tr>
<tr>
<td></td>
<td>Storage</td>
<td>uSD up to 128 GB</td>
</tr>
<tr>
<td></td>
<td>WiFi (EasyInstall)</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Part Numbers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vega Basic</td>
<td>F01750 Basic short range</td>
</tr>
<tr>
<td></td>
<td>Vega Basic Color</td>
<td>F01751 Basic color short range</td>
</tr>
<tr>
<td></td>
<td>Vega Basic Long Range</td>
<td>F01752 Basic long range</td>
</tr>
<tr>
<td></td>
<td>Vega Basic Color Long Range</td>
<td>F01753 Basic color long range</td>
</tr>
</tbody>
</table>

**The Vega Basic Short Range** can read up to 8 meters far at 60km/h max speed.

**The Vega Basic Long Range** can read up to 25 meters far at 150km/h max speed.

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26
**ANPR Mobile**

*ANPR Mobile* is a latest generation system with Megapixel sensors that can scan up to 60 license plates per second, front and rear, in any light condition. It is part of the sophisticated Tattile ANPR (Automatic Number Plate Reader) All On Board camera family, to read license plates in movement.

### Software Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>ANPR Mobile</th>
</tr>
</thead>
<tbody>
<tr>
<td>License Plate Recognition</td>
<td></td>
</tr>
<tr>
<td>CPU</td>
<td>ANPR engine on board</td>
</tr>
<tr>
<td>Configuration</td>
<td></td>
</tr>
<tr>
<td>Web Server</td>
<td>Installation and configuration by Web Server on board</td>
</tr>
<tr>
<td>TCP/IP Server</td>
<td>TCP/IP and monitoring through TCP/IP protocol</td>
</tr>
<tr>
<td>Date and Time</td>
<td>Synchronization via SNTP protocol or GPS</td>
</tr>
<tr>
<td>Software Update</td>
<td>Upgrading via Web Interface and SDK</td>
</tr>
<tr>
<td>FTP</td>
<td>FTP Client to FTP Server mode for remote data transmission; two IP address management</td>
</tr>
<tr>
<td>TCP/IP</td>
<td>TCP/IP open protocol, two IP address management</td>
</tr>
</tbody>
</table>

### Technical Data

<table>
<thead>
<tr>
<th><strong>Part Numbers</strong></th>
<th><strong>ANPR Mobile</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANPR camera</strong></td>
<td>1920 x 1080 Monochrome CMOS sensor</td>
</tr>
<tr>
<td><strong>Context camera</strong></td>
<td>1920 x 1080 Color CMOS sensor</td>
</tr>
<tr>
<td><strong>Illuminator</strong></td>
<td>6 high power LEDs, InfraRed @ 850 nm</td>
</tr>
<tr>
<td><strong>Lenses</strong></td>
<td>178 x 141 x 76 mm (LxWxH)</td>
</tr>
<tr>
<td><strong>Operating System</strong></td>
<td>Linux</td>
</tr>
<tr>
<td><strong>Connectors</strong></td>
<td>Water proof circular connector</td>
</tr>
<tr>
<td><strong>Network</strong></td>
<td>Port Ethernet 10/100 and WiFi 802.11 b/g/n</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Up to 32 GB</td>
</tr>
<tr>
<td><strong>Environmental, Size, Power</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Power supply voltage</strong></td>
<td>12 Vdc</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>15 W</td>
</tr>
</tbody>
</table>

**ANPR Mobile** is a smart solution to prevent crime, offered as an aid to Police Forces. It is an evolved and modern license plate reading system, installed on the cars of specialized operational departments and/or intelligence services, as a support to surveillance and protection, serving as a tireless watchful eye on the road.