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Smart City
Smart saving
Urban Security

TARGA 206



Video surveillance camera with automatic license plate reading (OCR) indicated for the control of road and city safety both outside and inside the circuit.

5
the megapixels of
the context sensor

50
the nationalities that the
camera recognises

500
the reasons for
using it

20
23

TARGA 205



SAVE MONEY

For those seeking a cost-effective, high-performance solution



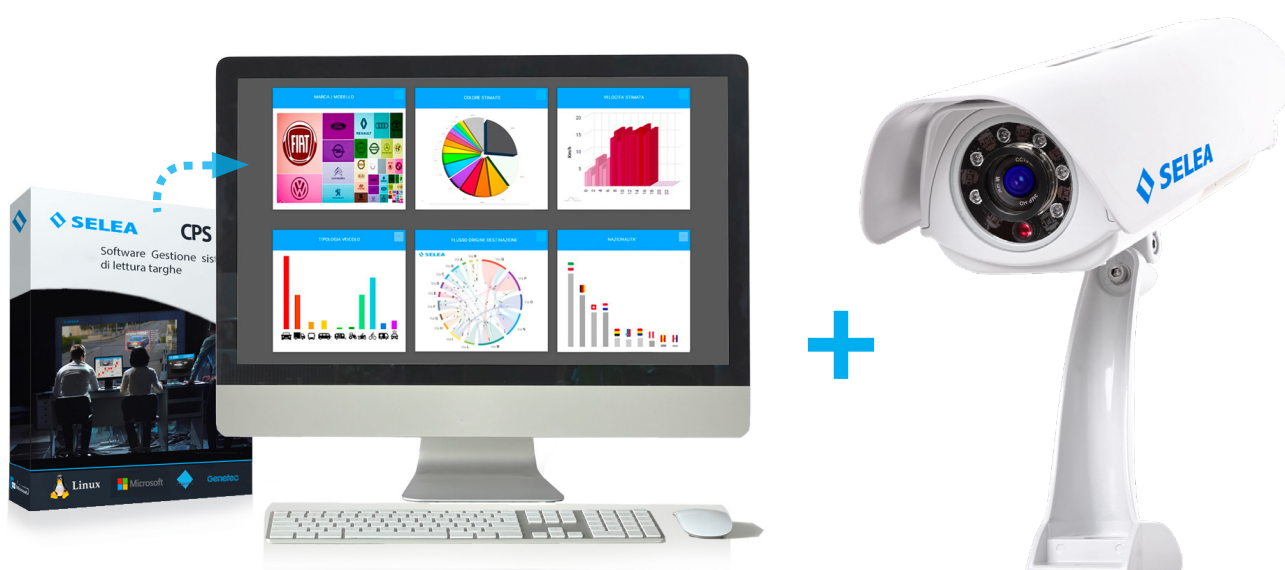
DUAL CAMERA

OCR Sensor
+ integrated surveillance colour context sensor



SINGLE LANE

Number plate reading synchronized on a single lane



TARGA206 + CPS 6.0 is the ideal solution for those who want to create a complete license plate reading system with a **reduced budget**, because it combines the excellent performance of the camera with the powerful video analysis (Brand, Model, Type and Colour recognition) of the CPS software.



CERTIFICATIONS & SECURITY

Both the software and the camera are ISDP10003 certified - Privacy by design and Privacy by default, which guarantees the attention that has been placed on GDPR regulations and data protection of the complete license plate reading system (software + hardware).



FOG-FIGHTER NIGHT & DAY

It has a high-performance sensor and illuminator so as to allow the recognition of vehicles in all weather conditions, both day and night. The only system with the FogFighter function to recognize licence plates even with thick fog.



OUTSTANDING PERFORMANCE

The accuracy of the data is the true value of a licence plate reading solution, because it is through accurate data that effective city security is achieved. Innumerable incorrect data wastes staff time and misleads investigations.

HARDWARE FEATURES OF THE CAMERA

Sensor

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|-----------------------|---|
| OCR Sensor | 2 Megapixel, Global Shutter, CMOS B/N, frame rate of 60 Fps |
| Context colour sensor | <i>built-in</i> -> 5 Megapixel, CMOS Rolling Shutter |

Lens

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| OCR lens | 25 mm fixed focus lens with F1.2 aperture and C/CS mount |
| Context lens | 12mm fixed focus lens with IR filter for panoramic view. |

Illuminator

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| Pulsed light IR Illuminator | n.6 high power 820 nm/47° IR LEDs that are compliant with the EN62471:2008 standard on photobiological safety. |
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Power supply

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| Power supplies | <ul style="list-style-type: none"> Built-in 12 Vdc power supply. POE+ power supply (optional) |
| Absorbed power | 9 Watt max |

Inbuilt protection

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| The camera is protected against: | <ul style="list-style-type: none"> reverse polarity voltage fluctuations greater than 30 Vdc overloads with thermal protection overvoltages (TVS) on USB and Ethernet ports |
|----------------------------------|---|

Certifications

| | |
|---------------|---|
| OCR | <ul style="list-style-type: none"> 100% accuracy according to UNI 10772:2016 class A parameters for rear, two-line, motorcycle and moped number plates. |
| Data security | <ul style="list-style-type: none"> ISDP10003:2018 - <i>Privacy by Default & Privacy by Design</i> |

Standards

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|---------------------|--|
| Respected standards | <ul style="list-style-type: none"> EN62471 EN55032 EN55035 EN61000 EN62368-1 EN60529 EN60068 EN60721 European standard RoHS2 - 2011/65/UE |
|---------------------|--|

General

| | |
|-----------------------|---|
| Operating temperature | From -40°C to +65 °C without the need of fans or heaters. |
| Protection rating | Standard IP66 (on request IP67 and IK10) |
| Dimension (mm) | L=165 : H=122; D=470 |
| Weight | 3 Kg |

SOFTWARE FEATURES OF THE CAMERA

Embedded Algorithms

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|-----------------------------|---|
| Standard built-in functions | <ul style="list-style-type: none"> • License plate reading (OCR) - reading characters of over 50 countries • Fog-Fighter (reading license plates in the fog) • Dirt elimination • Predictive character analysis • Angle compensation • Magic spot |
|-----------------------------|---|

Data communications

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|----------------------|--|
| Integrated webserver | <ul style="list-style-type: none"> • Onvif communication protocol • Save data directly to local server or remote NAS. |
| Protocols | TCP/IP, UDP, HTTP, HTTPS, RTP/RTSP, DHCP. |

Data security

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|-----------------|--|
| Data protection | <ul style="list-style-type: none"> • HTTPS encryption. • AES256 Advanced Encryption Standard. • SHA2 Secure Hash Algorithm 2. |
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Video output

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| OCR sensor | 2 Megapixel Jpeg images and RTP/RTSP video stream with MPEG4 e H264 encoding. |
| Context sensor | 5 Megapixel Jpeg images and RTP/RTSP or HTTP video stream with MPEG4 e H264 encoding. |

Compatibility

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|-------------|---|
| Integration | The camera is only compatible with Selea's CPS 6.0 software |
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Internal memory

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|----------------------------|---|
| Typology and expandability | <ul style="list-style-type: none"> • built-in -> 8 GB Hight Endurance (-40° ~ + 85°C) industrial microSD SLC memory card (expandable on request up to 256 GB of MLC type). |
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Functionality

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|-----------------------------|--|
| Operating system | <ul style="list-style-type: none"> • Linux Embedded |
| Standard built-in functions | <ul style="list-style-type: none"> • Multiple user management using HTTPS protocol protected access credentials for accessing the camera. • Synchronized recording of metadata and captured code/number plate image. • Synchronized recording of metadata and captured code/number plate image. • Integration and saving of context camera images. • Privacy management with automatic deletion of image data after a specified period of time. • Save data on a local server or remote NAS. • HTTPS security management. • Multiple action alarm management. • Live and check control function for checking the operation of the entire system. • Synchronization of date and time via NTP, IEEE1588 protocol. • Possibility of updating firmware from a web page. |

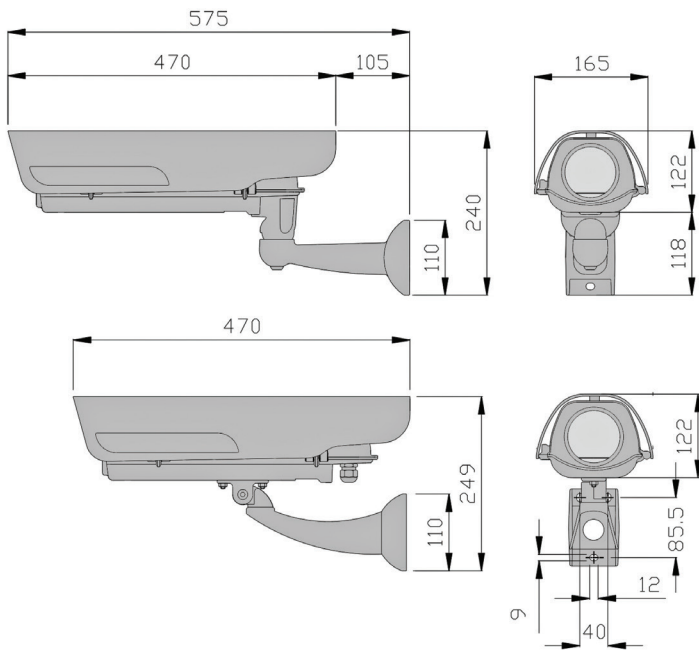
Accuracy

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|--------------|---|
| OCR accuracy | <ul style="list-style-type: none"> • Up to 99% of transits. • 100% accuracy according to UNI 10772:2016 class A parameters for rear, two-line, motorcycle and moped number plates. • 140 Km/h maximum capture speed |
|--------------|---|

ACCESSORIES

T

Power supply PoE+ (Power Over Ethernet Plus) standard 802.3at including a high power injector.





ACCESS
CONTROL



URBAN
SECURITY



SPECIAL
PRODUCTS



SOFTWARE
SOLUTIONS



TRAINING
COURSES



ACCESSORIES
SPARE PARTS

SELEA SRL

Via Aldo Moro, 69
46019 Cicognara (MN)
PIVA 01811290202
Tel +39 0375 88.90.91
Fax +39 0375 88.90.80

www.selea.com
infocom@selea.com

WHERE TO BUY

Selea has a network of authorised Distributors throughout the country with whom it establishes design and market

SUPPORT

We provide both a pre-sales and an after-sales technical support service to customers.

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About us

SELEA is specialized in the manufacture of number plate reading solutions, both for vehicle access control and for territorial security and traffic control. All of our products are developed and manufactured entirely in Italy. This means that our customers benefit from continuous and comprehensive technical support.

The experience accumulated in over 10 years of collaboration with various law enforcement agencies on video surveillance and license plate reading systems, give us today the opportunity to offer solutions capable of guaranteeing excellent results, and advanced tools for the repression and prevention of crimes (search for accomplices, stolen vehicles, vehicles without insurance/roadworthiness certificate, traffic analysis, and much more). These products can be part of an integrated urban security system, allowing the sharing of information between law enforcement and smart cities.

- HARDWARE MANUFACTURING
- SOFTWARE DEVELOPMENT
- IN-HOUSE RESEARCH & DEVELOPMENT
- 100% MADE in ITALY by SELEA

