SELEA

Member of TTM TECHNOLOGY

URBAN SECURITY

TARGA 860

DOUBLE LANE

MOTORIZED LENS

DATASHEET 2026 REV1

ANPR - OCR Camera

The camera is equipped with a high resolution dual lens/sensor: a 5 MP OCR sensor for automatic license plate recognition and a 5 MP color sensor with high night sensitivity for context recording of moving vehicles.

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TARGA 860

STRENGTHS

Targa 860 powers investigations with AI algorithms that evolve over time—an investment protection that ensures technological continuity, cost savings, and compliance with the latest GDPR and cybersecurity regulations.

Video analytics

Accurate data means greater security and faster investigations. Embedded AI algorithms add tangible value to Smart City applications.

High precision

Accurate data is the core of investigations, security, and traffic management. It stems from advanced AI algorithms, specifically trained for reliable, proven results.

Modularity

A future-proof investment: hardware remains, software evolves. Add new video analytics whenever needed, without replacing the camera.

CONTEXT
5 Mpx
Night Vision

OCR-ANPR
5 Mpx
Global Shutter

GPU
NVIDIA
Platform

SD
16 GB
Memory

Make
and **model**

COLOUR
of vehicles

Class
of vehicle

Speed
snapshot

Nationality
recognition

Privacy
of subjects

Helmet
no-helmet

Incident
vehicles

Certified reliability

WARRANTY
5 YEARS

Nothing has been left to chance, starting with data protection guaranteed by Privacy by Design - Privacy by Default certification and compliance with NDAA standards. A solid value, backed by an extended 5-year warranty.

ISDP 10003
CERTIFIED

Designed with security in mind, following Privacy by Design and Privacy by Default principles for maximum data protection.

NDAA
COMPLIANT

Compliance ensures protected hardware and technological sovereignty: a 'Cyber-Safe' solution that eliminates all vulnerabilities and the use of critical components.

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HARDWARE FEATURES OF THE CAMERA

Sensor	
OCR sensor	5 Megapixel, Global Shutter 2/3", CMOS B/N, frame rate of 60 Fps
Context sensor	5 Megapixel color Sony Night Vision CMOS with high sensitivity for color images even at night.
Lens	
OCR lens	Manual or motorized varifocal 12–40mm lens, F1.4 aperture and C/CS mount
Context lens	12 mm fixed focus lens with IR filter. Wider field of view than OCR images to have a panoramic view of the traffic when reading the license plate
Exposure mode	
OCR sensor	Dual Shutter, Triple Shutter, Auto Shutter, Fixed Shutter
Context sensor	Auto Shutter
IR Illuminator	
Pulsed light IR Illuminator	n.12 high power 820 nm/47° IR LEDs (940 nm on request) that are compliant with the EN62471:2008 standard on photobiological safety.
Internal memory	
Typology and expandability	• ***built-in*** -> 16 GB High Endurance (transfer rate: 80 MB/s) (-40° ~ + 85°C) industrial microSD SLC memory card (expandable on request up to 256 GB of MLC type). • The memory can be expanded using the USB interface provided to connect storage disks of high capacity currently available on the market (≤ 1TB - optional)
Input/Output	
Input	• n.2 digital inputs • interface for PM2,5/10 Air Quality sensors (model AVPM10/25 or similar) *Image acquisition and processing can also be activated by a digital command or through a network connection.*
Output	• n.1 RS232 - RS485 interface • n.1 10mA 5-12 Vdc opto-isolated output • n.1 0.3A - 125 Vac, 1A 30 Vdc volt-free contact relays
Ports	
USB	n.2 USB 3.1 ports
Ethernet	10/100/1000 Mbps LAN
Power supply	
Power supplies	• 230 Vac power supply • 10 ~ 32 Vdc (optional) • POE+ power supply including high power injector (optional)
Absorbed power	18 Watt max
Inbuilt protection	
The camera is protected against:	• reverse polarity. • voltage fluctuations greater than 30 Vdc. • overloads with thermal protection. • overvoltages (TVS) on USB and Ethernet ports.

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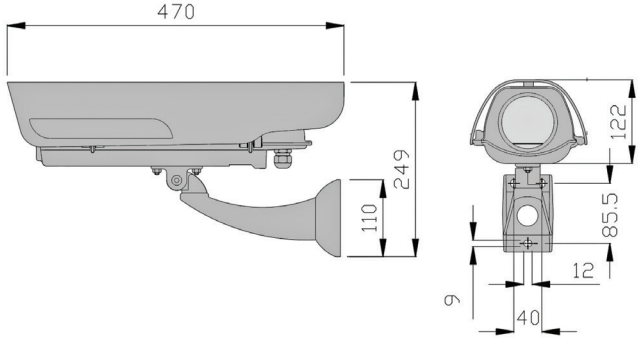
HARDWARE FEATURES OF THE CAMERA

Certifications	
OCR	• ***100% accuracy*** according to UNI 10772:2016 class A parameters for rear, two-line, motorcycle and moped number plates.
Data security	• ISDP10003:2020 - *Privacy by Default & Privacy by Design*
Standards	
Respected standards	• EN62471, EN55032, EN55035, EN61000, EN62368-1, EN60529, EN62262, 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 IP68 and IK10
Dimension (mm)	L=165 : H=122; D=470
Weight	3 Kg

ACCESSORIES	
J-INC	Algorithm for STATIONARY VEHICLE, WRONG WAY, FIRE/SMOKE detection
J-HELMET	Algorithm for detection of helmet presence on moped/motorcycle drivers
B	10 ~ 32 Vdc power supply
T	POE+ power supply including high power injector



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SOFTWARE FEATURES OF THE CAMERA	
Embedded algorithms	
Standard built-in functions	• License plate reading (OCR) - reading characters of over 50 countries • ADR dangerous goods tables reading (Kemler/ONU) • Make (**200**) - *accuracy > 95%* • Model (**+5000**) - *accuracy > 95%* • Colour (**16 classes**) - *accuracy > 95%* • Class (**35 classes**) - *accuracy > 95%* • Speed estimation • Direction of travel • Nationality (**+ 50 Countries**) • Blurring of subjects on both sensors (total respect for Privacy) • Fog-Fighter (reading license plates in the fog)
Optional algorithms	
Functionalities that can be integrated into the camera, even at a later time	• Wrong way transit detection - *accuracy > 95%* • Smoke/fire detection - *accuracy > 90%* • Stationary vehicle detection - *accuracy > 95%* • Helmet presence detection on moped/motorcycle drivers - *accuracy > 95%*
Accuracy	The recognition accuracy of the integrated algorithms depends on local lighting conditions and installation methods which, if properly followed, can reach the indicated values.
Notes	The above-mentioned processing is applied to the images obtained from both sensors (OCR and Context).
Data communications	
Integrated webserver	• Onvif Profile S communication protocol. • Save data directly to local server or remote NAS. • Integration with third party VMS software solutions. • Synchronized recording of metadata, number plate/Kemler table and context image. • Context images synchronised with number plate/Kemler table. • Dynamic creation and updating of multiple lists (black/white). • Integration and HTTP storage of JPEG snapshot images of external TCP/IP context cameras of any make or model. • Multiple action alarm management. • Differentiated alarms for each type of infringement. • Alarm-triggered transmission of the image associated with the captured number plate to remote devices (such as MOTOROLA and HYTERA mobile radio communication equipment, Tablet etc.) with vocal reception of the number plate. • Double FTP and/or TCP/IP server.
Protocols	TCP/IP, UDP, HTTP, HTTPS, FTP, FTPS, RTP/RTSP, DHCP, SNMP.
Other integrated protocols	MODBUS
Data security	
Data protection	• HTTPS encryption. • FTPS (FTP over TLS/SSL) encryption. • Micro SD memory encryption. • Automatic deletion of data and images after specified period of time (privacy management). • AES256 Advanced Encryption Standard. • SHA2 Secure Hash Algorithm 2.

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SOFTWARE FEATURES OF THE CAMERA

Functionality	
Operating system	• Linux Embedded
Standard built-in functions	• Embedded FPGA video signal processing. • Mode of operation: free-run, weighted, redundant, external trigger. • Double FTP server and double IP notification server. • Dynamic FTP notification forwarding customization. • IP notification customization. • Multiple user management using HTTPS protocol protected access credentials for accessing the camera. • List management (white/black, no list) with independent actions for each list. • 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. • Integration with third party VMS video surveillance software solutions. • Save data on a local server or remote NAS. • HTTPS security management. • FTPS (FTP over TLS/SSL) security management. • E-mail forwarding security using TLS/SSL protocol. • 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.
Video output	
OCR sensor	5 Megapixel Jpeg images and HD RTP/RTSP video stream with MPEG4, H264 and H265 encoding.
Context sensor	Images and RTP/RTSP or HTTP video stream with MPEG4, H264 and H265 encoding.
Context frame rate	20 fps with 5 Mpx Sony Night Vision context sensor
Accuracy	
OCR accuracy	• Up to 99,8% of transits. • Up to 98% of oncoming ADR plate (Kemler-UN) reading transits, ***100% accuracy*** according to UNI 10772:2016 class A parameters for rear, two-line, motorcycle and moped number plates. • 250 Km/h maximum capture speed
Installation	
Geometry	• Dual lane detection • Gate width: up to 8 m • Reading distance: up to 30 m • Mounting height: up to 6 m

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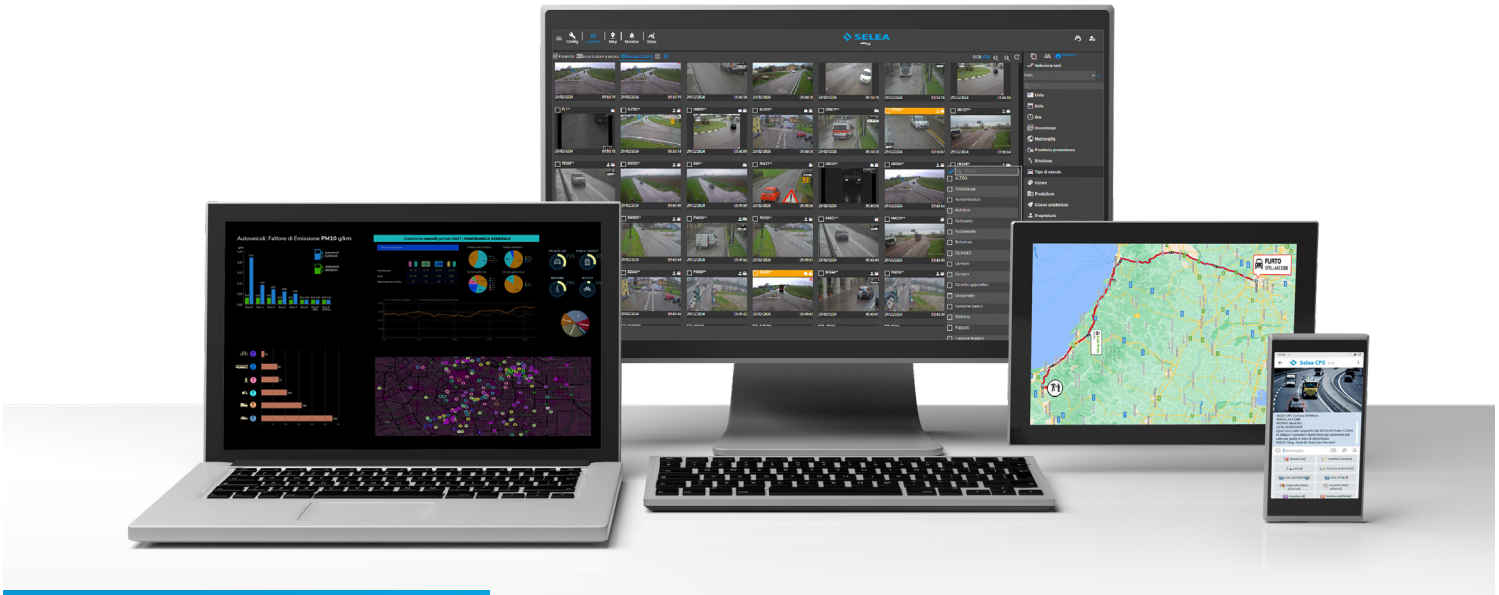
TARGA 860

Software suite for license plate recognition portal management



CPS 7.0

The Evolution of Urban Security

CPS is the premier software suite for vehicle transit management and analysis, designed to elevate local police operational standards. Thanks to full compatibility with the leading ANPR cameras on the market, the platform turns raw data into strategic investigative intelligence.

Powered by latest-generation AI algorithms, the system enhances investigation, identification, and interception capabilities, providing route tracking on interactive maps and granular traffic flow analytics. Real-time access to all data on smartphones, tablets, and LTE radios ensures continuous coordination between the control center and field units.

The definitive solution for Local and Judicial Police, CPS excels in crime prevention and law enforcement. It stands as the technological benchmark for those demanding the highest standards in territory protection, traffic control, and the development of a safe, integrated Smart City. The entire software suite is **ISDP-10003 Privacy by Design and Privacy by Default** certified.

WHAT'S NEW

TELEGRAM --> APP SELEA

Selea APP: Real-time alerts and searches on smartphones. Designed for secure information sharing between Police and Law Enforcement Agencies. Ensures full privacy and data security

MULTI BRAND

Compatible with the most widely used LPR cameras from any brand on the market.

ALGORITHMS

Integrates advanced algorithms for vehicle investigation, identification, localization, and interception.

PREVENTION

A solution that outperforms all others in crime investigation, response, and prevention.

CROSS-PLATFORM

Linux security and stability with Windows ease of use—without system complexity.

SELEA

Member of TTM TECHNOLOGY

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

PROFILE

Selea is a manufacturer specialized in ANPR solutions for access control, homeland security, and traffic monitoring. Every solution is entirely designed and manufactured in Italy by Selea, an integral part of the TTM Technology group of TTM Spa.

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THE GROUP

TTM TECHNOLOGY

It brings together various entrepreneurial initiatives with the aim of creating innovation and 'Made in Italy' excellence. Three companies specialized in the production of complete systems for urban mobility, license plate recognition, and smart video surveillance.

We support public entities, local police forces, system integrators, and design firms in making roads and cities safer and smarter.

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