



TARGA 306



DATASHEET 2026 REV1

ANPR - OCR Camera

The camera is equipped with a highresolution dual lens/sensor: a 2.3 MP OCR sensor for automatic license plate recognition and a 2 MP color sensor with high night sensitivity for context recording of moving vehicles.



WWW.SELEA.COM

STRENGTHS

Targa 306: high performance and integrated video analytics in an affordable solution. A smart investment combining reading accuracy and cost savings, ensuring full GDPR and Cyber-security compliance.



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.



Cost savings

High performance, low cost: precise license plate recognition and integrated video analytics. The ideal solution for urban security on a limited budget.



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.

CONTENTS

HARDWARE FEATURES OF THE CAMERA

Sensors	
OCR sensor	2.3 Megapixel, Global Shutter 1/2.6", CMOS B/N, frame rate of 60 Fps.
Context sensor	2 Megapixel colour Sony Ultra Night Vision CMOS with high sensitivity for colour images even at night.
Lens	
OCR lens	25 mm fixed focus lens with F1.2 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.6 high power 820 nm IR LEDs (940 nm on request) that are compliant with the EN62471:2008 standard on photobiological safety.
Internal memory	
Typology and expandability	8 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).
Ports	
Ethernet	10/100/1000 Mbps LAN
Power supply	
Power supplies	12 Vdc - POE+ power supply including high power injector (optional)
Absorbed power	16 Watt max
Inbuilt protection	
The camera is protected against:	- reverse polarity. - voltage fluctuations greater than 17 Vdc. - overloads with thermal protection. - overvoltages (TVS) on USB and Ethernet ports.

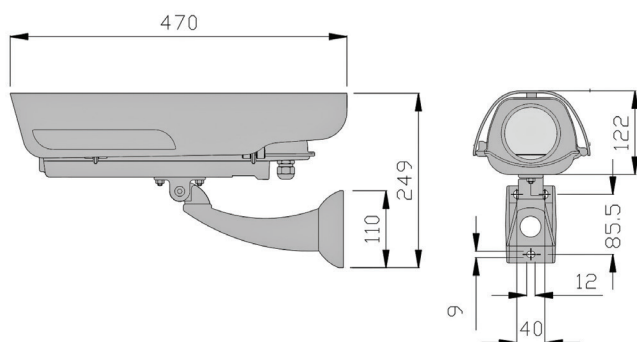
CONTENTS

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 - <i>Privacy by Default e Privacy by Design</i>
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; P=470
Weight	3 Kg

ACCESSORIES

T	POE+ power supply including high power injector
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CONTENTS

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) - <i>accuracy > 95%</i> • Model (+5000) - <i>accuracy > 95%</i> • Speed estimation • Direction of travel • Nationality (+ 50 Countries) • Blurring of subjects on both sensors (Ensures complete privacy) • Fog-Fighter (reading license plates in the fog)
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). • Multiple action alarm management. • Differentiated alarms for each type of infringement. • Double FTP and/or TCP/IP server.
Protocols	TCP/IP, UDP, HTTP, HTTPS, RTP/RTSP, DHCP, SNMP.
Data security	
Data protection	• HTTPS 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.

CONTENTS

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. - Double FTP server. - 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. - 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	2.3 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	30 fps with 2 Mpx Sony Ultra 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. 140 Km/h maximum capture speed
Installation	
Geometry	- Single lane detection - Gate width: up to 4 m - Reading distance: up to 25 m - Mounting height: up to 5.5 m
Compatibility	
Integration	The camera is compatible only with Selea CPS 7.0 software.

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

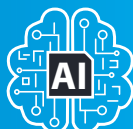


Selea APP: Real-time alerts and searches on smartphones. Designed for secure information sharing between Police and Law Enforcement Agencies. Ensures full privacy and data security



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.

- 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.

CONTACT US



Via Aldo Moro 69
46019 Cicognara
(MN) - Italy



+39 0375889091



www.selea.com
infocom@selea.com

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.