



Member of TTM TECHNOLOGY



SMART PARKING

TARGA 560



ACCESS CONTROL
PARKING



DATASHEET 2026 REV1

ANPR - OCR Camera

The camera is equipped with a high-resolution dual lens/sensor: a 3.2 MP OCR sensor for automatic license plate recognition and a 5 MP color sensor with high night sensitivity for context recording of moving vehicles.



WWW.SELEA.COM

STRENGTHS

TARGA 560 combines high precision, advanced make, model, color, and vehicle class analytics, and a wide capture field to optimize installation costs and simplify management—without compromising reading accuracy.



Video analysis

Maximum protection. Beyond the license plate, it identifies the vehicle's make, model, color, and class for smart, secure, and automated access control.



High accuracy

Accurate data is derived from evolved AI algorithms trained for definitive and reliable results, particularly when handling dirty or damaged license plates.



Dual lane

Covers wide access points with a single camera for both entry and exit. Say goodbye to dual systems—optimize costs and simplify management.



5 Mpx
Night Vision



3.2 Mpx
Global Shutter



NVIDIA
Platform



8 GB
Memory



I/O
Serial



Privacy
of subjects



Make
and model



COLOUR
of vehicles



Class
of vehicles



POE
802.3af

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

Sensor	
OCR sensor	3.2 Megapixel, Global Shutter 1/1.8", 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	4.4 ~ 10 mm varifocal lens with F1.4 and C/CS mount.
Context lens	6 mm fixed focus lens with IR filter.
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 -> 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). - 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) <i>Image acquisition and processing can also be activated by a digital command or through a network connection.</i>
Output	- n.1 RS232 - RS485 interface - n.1 10A - 250 Vac, 10A - 30 Vdc volt-free contact relays - 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	10 ~ 32 Vdc - 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.

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 & Privacy by Design</i>

Standards

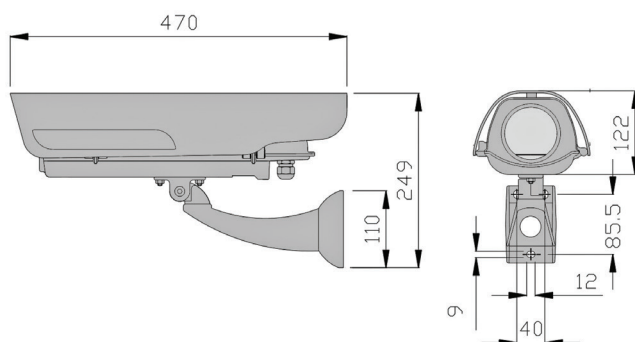
Respected standards	- EN62471, EN55032, EN55035, EN61000, EN62368-1, EN60529, EN62262, EN60068, EN60721 - European standard RoHS2 - 2011/65/UE
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General

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

T	POE+ power supply including high power injector
Z	Natural white light, replacing the standard IR illuminator, for reading car plates with red characters.



CONTENTS

SOFTWARE FEATURES OF THE CAMERA

Algoritmi integrati di serie

Standard built-in functions	• License plate reading (OCR) - reading characters of over 50 countries • ADR dangerous goods tables reading (Kemler/ONU) • Fog-Fighter (reading license plates in the fog) • Make (200) - <i>accuracy > 95%</i> • Model (+5000) - <i>accuracy > 95%</i> • Colour (16 classes) - <i>accuracy > 95%</i> • Class (35 classes) - <i>accuracy > 95%</i> • Nationality (+ 50 Countries) • Blurring of subjects on both sensors (total respect for Privacy)
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 (built-in) • Opto-isolated Wiegand, OSDP

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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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, 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	3.2 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 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. 50 Km/h maximum capture speed
Installation	
Geometry	- Dual lane detection - Gate width: up to 7 m - Reading distance: up to 10 m - Mounting height: up to 2.5 m



Smart parking and access control: Qentry's intelligent management.

A software solution for those who need a valid tool to manage their customers' parking spaces, such as hotels, campsites, residences, car parks and also private homes, with management functions including:

- permits,
- schedules,
- special types of customers (VIP),
- calculating stay costs,
- entrance of vehicles of a family group, in order to manage the limited availability of parking spaces in residential complexes or campsites. Upon reaching the maximum number of places available, Qentry inhibits entry to additional vehicles of the family group, enabling entry only when the assigned place has been freed.

Qentry is capable of handling special categories of vehicles (ambulances, Law Enforcement, suppliers or special customers, which can automatically enter, regardless of the set time conditions. Qentry is an access control and parking management module and can also be used as a video recording and surveillance system.

- 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.