

CAMARA LPR TOTEM

The classic LPR

High
Accuracy
+99%



Automatic
Zoom & Focus

W/B & Color
Camera

IR + White
Light

PoE

Plug & Play



Location
GROUND



Lane width
5 m / 16 ft



Max. distance
8 m / 26 ft



Capture
FRONT &
REAR (trucks)

	PRO Conex IO	PRO	PRO+
SOFTWARE ARCHITECTURE	AiO on Axis [Artpec 7 or higher]	AiO on Axis [Artpec 7 or higher]	AiO on Axis [Artpec 7 or higher]
LPR SOFTWARE VERSION	OCR 7 + TwinPlate P2P	OCR 7 + TwinPlate P2P	OCR 7 + TwinPlate P2P
ILLUMINATION	Hybrid (White Light + IR) 9 IR + 3 White Led Light integrated	Hybrid (White Light + IR) 9 IR + 3 White Led Light integrated	Hybrid (White Light + IR) 9 IR + 3 White Led Light integrated
I/O	Conex IP Housing	✗	✓



Additional white light increases the accuracy between 0,5% and 1%. For color mode operation: at least 100 lux of White light on the license plate is required.

All the AI potential in our All-in-One cameras



SOFTWARE LPR

- AI Algorithms
- Simultaneous Trigger and Free Flow modes
- Accuracy above 99%
- Multi-country: +100 countries
- Setup via Web UI
- Full control from the SCAP platform

ISO/IEC 27001 CIBERSECURITY

- Secure authentication
- Advanced user management
- Active vulnerability management
- Security by Design architecture



TWINPLATE P2P

TICKETLESS & BARRIERLESS

- Multiple cameras per lane
- Trigger or Free Flow mode
- Front and rear camera (motorcycles)
- 24/7 operation
- Twinplate AiO Peer-to-Peer (P2P)
- All lane cameras operate as Master units
- Redundancy, improves the accuracy rate

NEW

SCAP Web UI Platform SIRAM Camera Application Platform

SCAP transforms camera management into a fast, intuitive, and centralized experience.

Install, configure, and update your cameras from an intuitive web platform designed to streamline operations and maximize efficiency.



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TOTEM HOUSING

Material	IStainless steel 304 of 1.5 mm treatment of removing for phosphate and painted with powder
Internal dimensions	260x250 mm (W x D); Height 700 mm
Temperature range	-40°C / +60°C
Window	180x140 mm (W x H); glass 5 mm
Weight	18 kg
Accessories	Electrical panel for installing components indoors; 120 mm sun visor included
Protection / Color	IP 65 (EN 60529) / Color Black RAL 9005 GOF

IP CAMERA

	PRO CONEX IO	PRO	PRO+
camera model	Axis P3245V	Axis P3245V	Axis P3265V
Processor	Artpec7 32 bits	Artpec7 32 bits	Artpec8 64 bits
RAM	1 GB	1 GB	1 GB
Image sensor	1/2.8" RGB CMOS	1/2.8" RGB CMOS	1/2.8" RGB CMOS
Maximum resolution	1080 HDTV (1920x1080)	1080 HDTV (1920x1080)	1080 HDTV (1920x1080)
Lens	Varifocal, 3,4-8,9 mm, F1.8	Varifocal, 3,4-8,9 mm, F1.8	Varifocal, 3,4-8,9 mm, F1.8
Video compression	H.264 / H.265 / MJPEG	H.264 / H.265 / MJPEG	H.264 / H.265 / MJPEG
Power supply	Power over Ethernet (PoE) 802.3af/802.3at Type1 Class2 Typical 3.5 W, máx. 5.7 W	Power over Ethernet (PoE) 802.3af/802.3at Type1 Class2 Typical 3.5 W, máx. 5.7 W	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type1 Class2 Typical 3 W, máx. 5.1 W
Warranty	3 years	3 years	3 years
I/O	4 inputs – 4 relay outputs	without I/O	1 digital input - 1 digital output (GPIO)

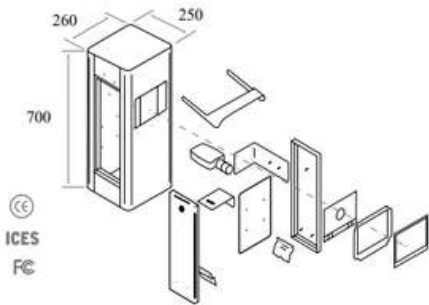
IR/HYBRID ILLUMINATOR

	HYBRID (whitel light + infrared)
Operation	Hybrid illuminator with SMD IR LEDs for working in B/W and SMD white light LEDs for grearter precision
Number of LEDs	9 High Power IR LEDs/ 3 High Power White LEDs. White light can be deactivated
Wavelength	850 nm
Power supply	10,5 Vdc - 15 Vdc Imax 1500mA

SPLITTER PoE

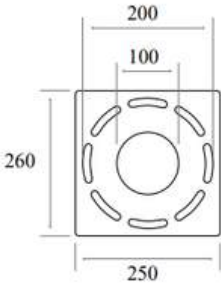
Operation	Distributes data to the camera and power supply to the LED board
Outputs	12 Vdc & PoE
Power supply	PoE+ - 802.at Type 2 30W

DIAGRAMS



ANCHORING TYPE

This model is designed to be installed on the ground, recommended for flat access points or ones that are not very steep.



TOTEM RANGE CAMERAS

REF.	CAMERA MODEL
100114	Totem PRO Conex IO
100109	Totem PRO
100110	Totem PRO+

CAMERA'S ACCESSORIES

120103	Totem Rain Hood
120302	W2/12 White Light Projector



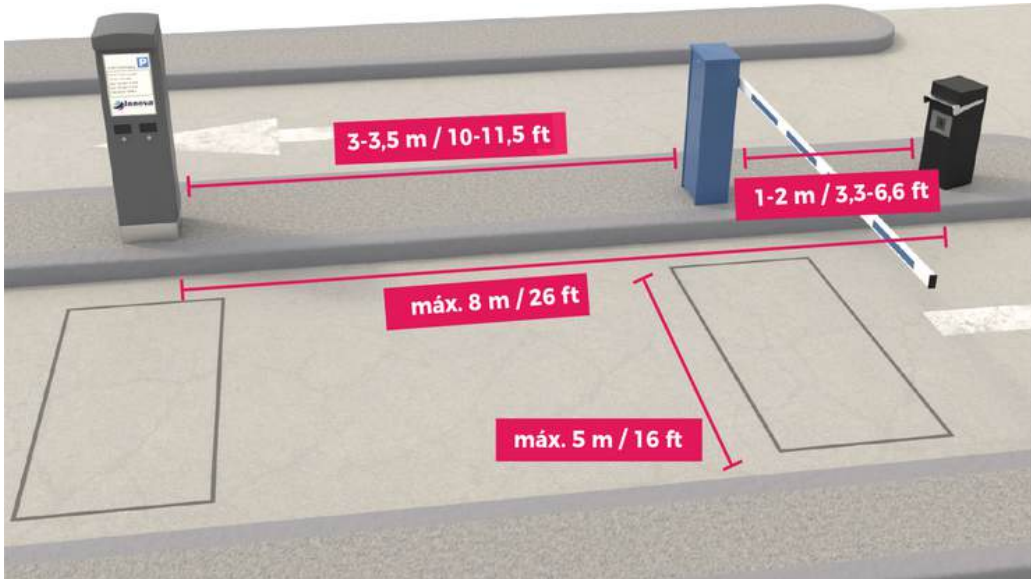
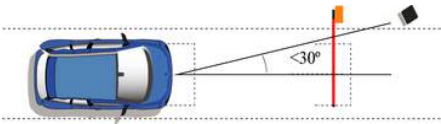
[Rain Hood]



[W2/12 Projector]

The positioning of the capture unit with regard to the ground must always meet the following requirements:

- The smallest possible horizontal and vertical inclination with respect to the center of the license plate. The maximum recommended inclination is 30°.
- When the vehicle is captured it must be properly in the lane. It is always necessary to seek the most perpendicular position for the camera in terms of the number plate.
- If the capture is performed using a software or hardware trigger, it is necessary to take into account the concealment produced when vehicles travel in convoy.
- It is necessary to avoid concealments caused by the barrier, since the barrier can obscure the camera's view of the number plate when in movement.



How to choose the best LPR camera for your project?

ACCURACY
+99%

MINI LPR CAMERA MODELS

	Location	Capture	Maximum distance	Lane width
BULLET Mini	Barrier, Wall, Ceiling or Pole	Front and Rear	4 m / 13 ft	3 m / 10 ft
DOME Mini	Barrier, Wall or Ceiling	Front and Rear	4 m / 13 ft	3 m / 10 ft

LPR CAMERA MODELS

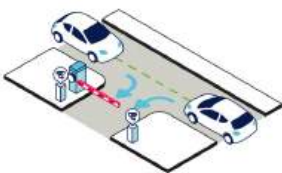
	Location	Capture	Maximum distance	Lane width
COMPACT	Ground	Front	8 m / 26 ft	5 m / 16 ft
BULLET	Wall, Ceiling or Pole	Front and Rear	8 m / 26 ft	5 m / 16 ft
DOME	Barrier, Wall or Ceiling	Front and Rear	6 m / 20 ft	4 m / 13 ft
BULLET XXL	Wall, Ceiling or Pole	Front and Rear	15 m / 50 ft	5,5 m / 18 ft
TOTEM	Ground	Front and Rear Trucks	8 m / 26 ft	5 m / 16 ft

Improve the features of your LPR camera with:

TwinPlate

COMPLEX LANES

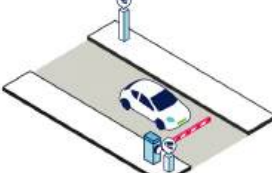
Front capture with two cameras



In situations where vehicles access into the lane from multiple directions.

TICKETLESS CAR LANES

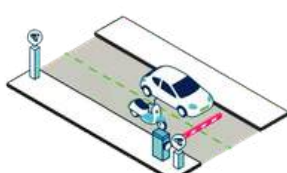
Front and rear capture cameras



In Ticketless lanes it is required to guarantee the operation of the lane 24/7.

CAR & MOTORCYCLE LANES

Front car and rear motorcycle capture cameras



In Ticketless lanes for cars and motorcycles, 2 LPR cameras are required.

