

LPR CAMERA BULLET

The most versatile LPR

High Accuracy
+99%



- Automatic Zoom & Focus
- B/W & Color Camera
- IR lighting
- PoE
- Plug & Play



Location
BARRIER,
WALL,
POLE &
CEILING



Lane width
3 m / 10 ft [mini]
5 m / 16 ft



Max. distance
4 m / 13 ft [mini]
8 m / 26 ft



Capture
FRONT &
REAR

	MINI	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]
SOFTWARE INSTALLED	OCR 7 + TwinPlate P2P	OCR 7 + TwinPlate P2P	OCR 7 + TwinPlate P2P
ILLUMINATION	IR (Infrared Light) 1 high power IR LED (855nm) integrated	IR (Infrared Light) 2 high power IR LED (850nm) integrated	IR (Infrared Light) 2 high power IR LED (850nm) integrated
I/O	✗	✓	✓



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 CYBERSECURITY
- 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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IP CAMERA

	MINI	PRO	PRO+
Camera model	Axis M2036 LE	Axis P1455LE	Axis P1485LE
Processor	Ambarella 64 bits	Artpec7 32 bits	Artpec8 64 bits
RAM	1 GB	1 GB	1 GB
Image sensor	1/2.7" RGB CMOS	1/2.8" RGB CMOS	1/2.8" RGB CMOS
Maximum resolution	1080 HDTV (1920x1080)	1080 HDTV (1920x1080)	1080 HDTV (1920x1080)
Lens	Fixed iris, fixed focus, IR corrected 2.4 mm, F2.1	Varifocal, 3-9 mm, F1.6	Varifocal, 3-9 mm, F1.6
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 Class3 Typical 5 W, máx. 12.95 W	Power over Ethernet (PoE) 802.3af/802.3at Type1 Class3 Typical 7.7 W, máx. 12.95 W	Power over Ethernet (PoE) 802.3af/802.3at Type1 Class3 Typical 7.9 W, máx. 12.95 W
Warranty	3 years	3 years	3 years
I/O	Without I/O	1 digital input-1 dig. output(GPIO)	1 digital input-1 dig. output(GPIO)

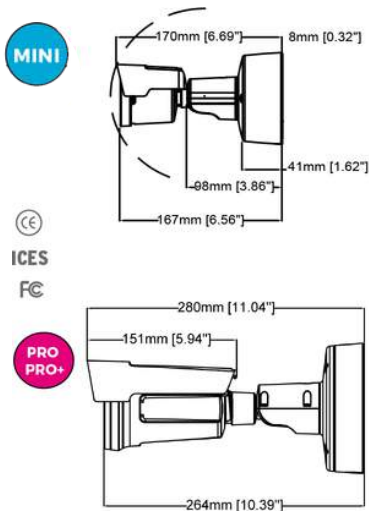
IR ILLUMINATOR

	MINI	PRO & PRO+
Operation	IR illuminator with SMD technology for B/W cameras - IR sensitive	IR illuminator with SMD technology for B/W cameras - IR sensitive
Number of LEDs	1 High Power IR LED integrated in the camera	2 High Power IR LED integrated in the camera
Wavelength	855 nm	850 nm
Power supply	-	-

WHITE LIGHT LEDS PROJECTOR (optional)

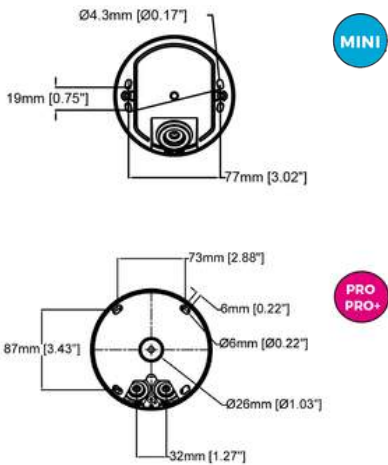
Operation	White-light SMD LED illuminator to improve recognition accuracy and enable full-color image capture.
Number of LEDs	External spotlight with 6 high-power white LEDs.
Power supply	12 Vdc - 15W max.

DIAGRAMS



ANCHORING TYPE

This model is designed to be installed on a wall, ceiling or pole.



BULLET RANGE CAMERAS

REF.	CAMERA MODEL
100104	Bullet MINI
100102	Bullet PRO
100112	Bullet PRO+

CAMERA'S ACCESSORIES

120403	I/O Interface (only Bullet MINI)
120302	W2/12 White Light Projector

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[I/O Interface]

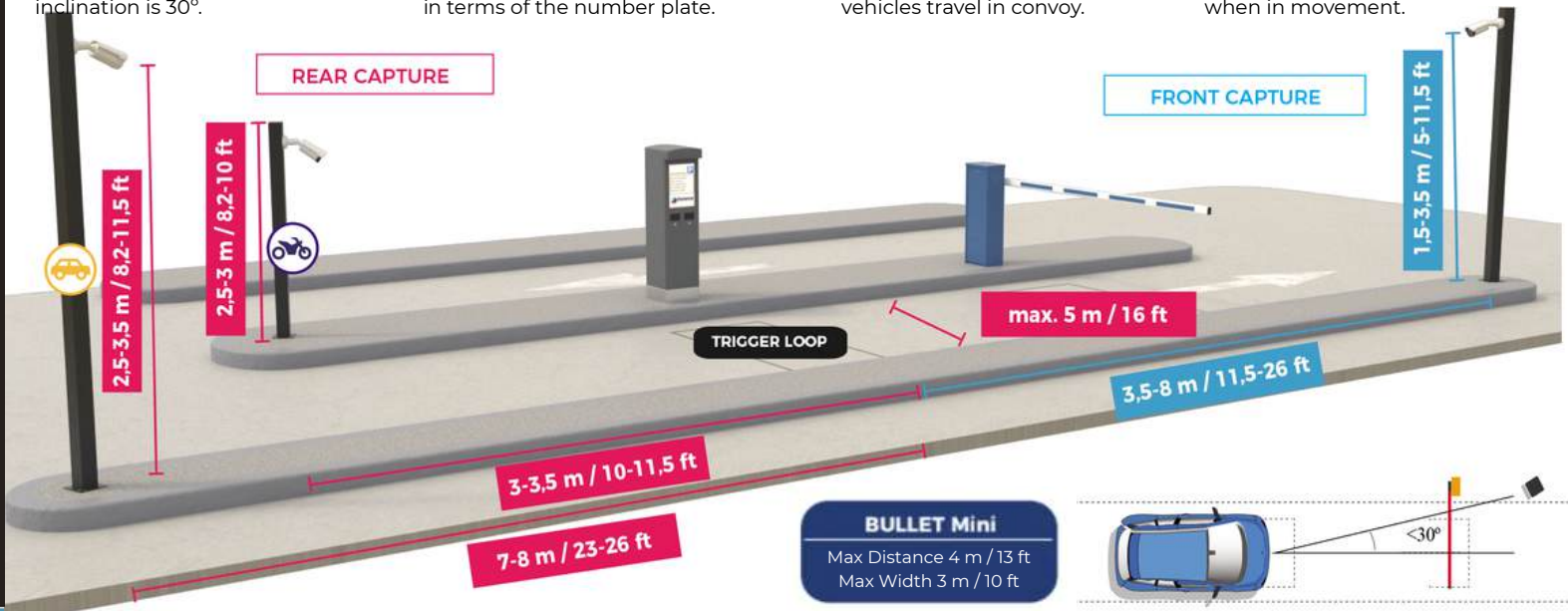


[W2/12 Projector]

The positioning of the capture unit on the ceiling or wall 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.

RECOMMENDED POSITIONING



How to choose the best
LPR camera for your project?

ACCURACY
+99%

MINI LPR CAMERA MODELS

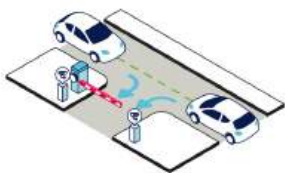
	Location	Capture	Maximum distance	Lane width
BULLET Mini	Barrier, Wall, Ceiling or Pole	Front and Rear	4 m / 13 ft	3 m / 10 ft
DOME Mini	Barrier, Wall or Ceiling	Front and Rear	4 m / 13 ft	3 m / 10 ft

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

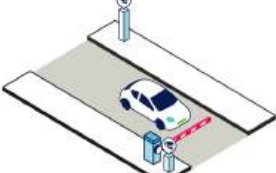
Improve the
features of your
LPR camera with
TwinPlate

COMPLEX LANES
Front capture with two cameras



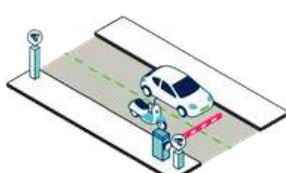
In situations where vehicles access into the lane from multiple directions.

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 & rear moto capture cameras



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