

# TrafficX

TrafficX Camera  
& TrafficX Enforcement Camera



## KEY FEATURES

- ▶ **Dual-camera Integrated Evidence Collection**  
(By utilizing **Vehicle Close-up ANPR**, in combination with **Surveillance Overview**, the capture and analysis of vehicle targets and behavior enable the acquisition of reliable synchronized time and scene evidence.)
- ▶ **250km/h High Recognizable Speed** (Excelling at capturing detailed fast-paced dynamic scenes, covering 3 lanes and distance up to 50m.)
- ▶ **24/7 High Accuracy** (Achieving 99% capture rate and 98% license plate recognition rate even in low-light environments.)
- ▶ **Edge AI-based ANPR** (Incorporating advanced image processing technology capable of accurately recognizing both reflective and non-reflective license plates, it swiftly and precisely identifies license plate numbers and colors, as well as captures vehicles without license plates. Additionally, it collects relevant attributes such as vehicle color, type, and brand information.)
- ▶ **Professional violation recognition, reliable enforcement assistant.**
- ▶ **Easy Installation** (Embedded 4G module for easy network connection and flexible angle adjustment design.)
- ▶ **Compatibility** (Support CGI/APIs and TCP/HTTP/MQTT protocols for easy integration.)



# PRESENTCO IP *SERIE ULTRA*



## Dual-Sensor Evidence Collection

The dual-sensor of TrafficX camera focusing on different aspects, provides simultaneous evidence with a unified timeline. ANPR sensor focuses on vehicle close-ups and license plate recognition, while the Evidence sensor captures clear full overviews of the surrounding environment. It enables comprehensive and high-precision data and information retrieval.



## Ace-Level Vehicle Acquisition Capability

Thanks to the high-performance chip and the revolutionary Frame Parity Flashing and Global Shutter technology, this camera provides a comprehensive and groundbreaking level of enhancement. It achieves an impressive vehicle capture rate of 99% and a vehicle recognition rate of 98%. It is capable of capturing vehicles traveling at speeds up to 250 km/h. With a coverage distance of 50 meters, it showcases extraordinary capabilities in capturing vehicle-related information.



## Traffic Violation Detection

AI-based TrafficX series cameras accurately detect and alert violation events such as Red Light Violation (**TS5511-GH**), Reverse Driving Detection, No-plate Vehicle Detection, Black/White List Detection and Vehicle Event Detection based on recognized vehicle features.



## Easy Deployment and Management

Easy camera deployment, professional-grade IP67 protection and reliable construction. Optional 4G LTE allows wireless transmission via SIM card, eliminating the need for complex network cable connections. Built-in GPS facilitates precise location information collection and management, aiding in vehicle tracking, evidence gathering, and crime investigation.

## Typical Applications



Freeway



Urban Road



Free-flow Tolling



Low Emission Zone

# RISTER

Nota: las características pueden cambiar sin previo aviso.

Avda. Roma, 97 - 08029 Barcelona | T: 93 439 92 44 | T: 91 439 92 44 | E: info@rister.com | W: www.rister.com



### Características técnicas:

<b>Modelo</b>	<b>ULX-LPR6000</b>	
<b>TrafficX Cámara</b>		
<b>Cámara</b>		
Sensor de imagen	Color, 2/3" Global Shutter	
Min. Iluminación	Color: 0.001 Lux@(F1.4, AGC ON)	
Shutter Time	30 us- 40000 us	
Modo Día/Noche	Día/Noche/Auto	
Suplemento Luz	IR	IR Strobe Light (16 light beads)
	IR Distancia	60m
	IR Wave Length	850nm (Default), 740nm (Opcional)
<b>Road Traffic Management</b>		
Max. ANPR Range	Hasta 50 metros	
Max. Velocidad del vehículo	250 km/h	
Cobertura	Recomendada para 2~3 carriles	
Capture Rate	Hasta un 99%.	
Precisión en el reconocimiento	Hasta un 98%	
País Región Soporta	Más de 74 países y regiones	
Atributos Identificación	Color de la matrícula, Tipo de vehículo, Color del vehículo, Marca del vehículo, Captura del vehículo sin matrícula	
Gestión de infracciones	Conducción marcha atrás, Atributos del vehículo Detección de eventos	
Lista blanca/negra	Hasta 2000 registros dentro de la cámara	
LPR Búsqueda inteligente	Soporta	
<b>Interfaz</b>		
Ethernet	1*RJ45 10M/100M/1000M Ethernet Port	
RS485	Soporta	
Entrada	4 * Optoisolated Input	
Salida	2 * Strobe Output 1 * Relay Output	

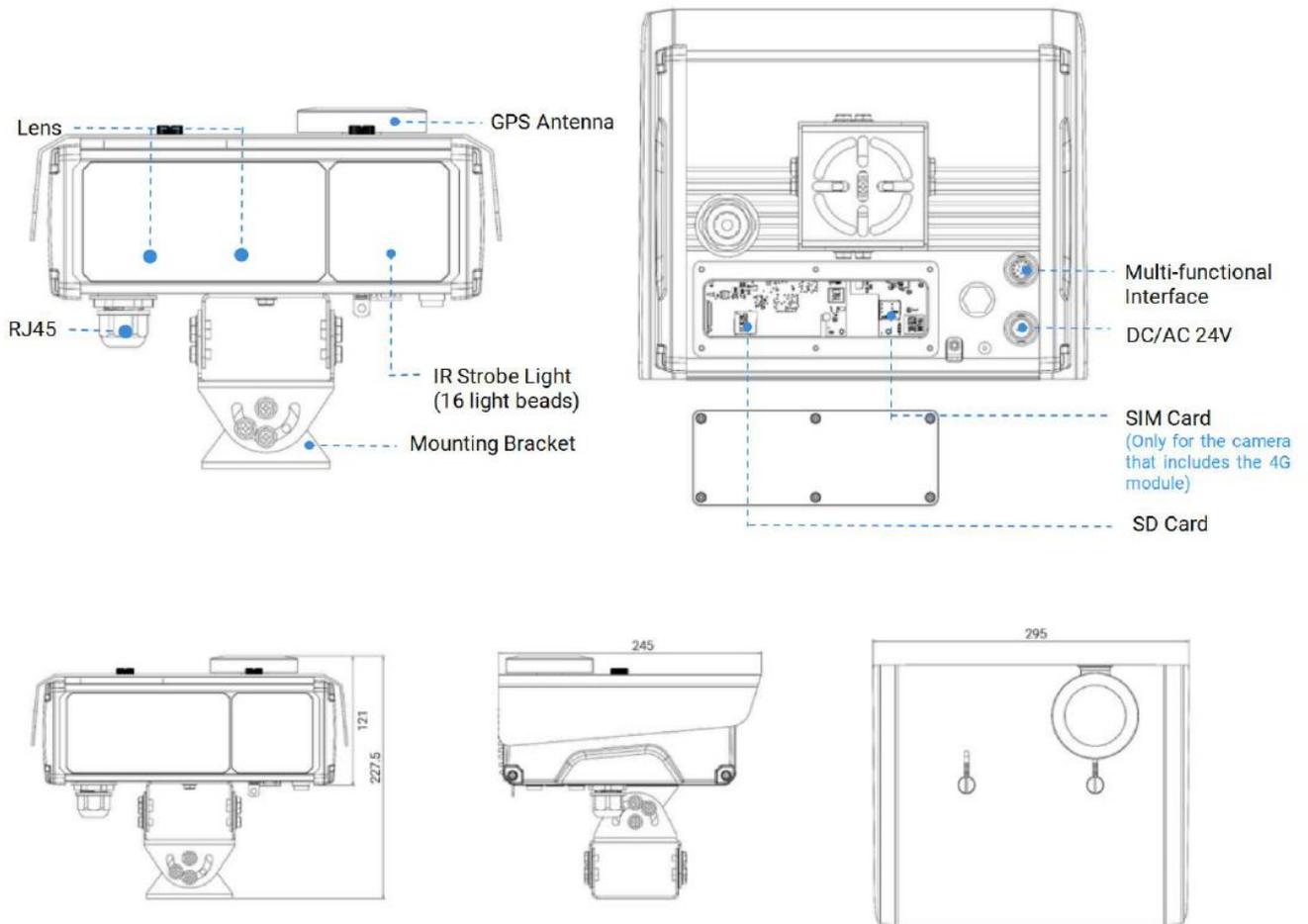
# PRESENTCO IP

## SERIE ULTRA

Lens	
Lens	15-50mm, Zoom y enfoque motorizados
Mount	Custom mount
Campo de visión	horizontal FOV 41.4° to 10.3°, vertical FOV 26.8° to 8.42°, diagonal FOV 32° to 13.3°
Video	
Máx. Resolución	2464x2056
Máx. FPS	30fps
Compresión de vídeo	H.265/H.264/MJPEG
Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
Ajuste de imagen	Brillo/Contraste/Saturación
Máscara de privacidad	Hasta 24 áreas (por sensor)
Wireless Network (Opcional)	
Móvil	4G LTE NA: B2/B4/B5/B12/B13/B25/B26 EU: B1/B3/B7/B8/B20/B28 AU: B1/B2/B3/B4/B5/B7/B8/B28/B66
SIM Card	Nano SIM
Sistema	
Compatibilidad del sistema	API, HTTP, TCP, MQTT, ONVIF Profile G & S & T
Almacenamiento	Admite almacenamiento local de tarjetas microSD/SDHC/SDXC de hasta 1 TB
General	
GPS	Módulo GPS de alta precisión integrado
Temperatura de trabajo	-40°C ~ 70°C
Humedad de trabajo	0~95% (sin condensación)
Consumo de energía	22W MAX 26W MAX (Con IR activado)
A prueba de intemperie	Rendimiento resistente a la intemperie hasta IP67
Fuente de alimentación	24 V DC/AC
Peso	4.3Kg
Dimensiones	121mmx295mmx245mm (sin soporte de montaje)

# PRESENTCO IP *SERIE ULTRA*

## Dimensiones:



Units: mm

## Accesorio:



A91 Pedestal Mount