INEX TECH

SYSTEM TO DIGITALY TIME & GPS STAMP LP

The IZE-CHALKING is the ALPR (Automatic License Plate Recognition) Based System that was designed specifically for parking enforcement agencies to enhance patrol presence and and improve efficiency.

IZE-Chalking is an electronic process that mirrors how an officer would manually chalk a vehicle's tire, in order to see how long they have been parked.

IZE-Chalking allows for enforcement of parking in time-limited parking zones in any weather. The system automatically identifies vehicle parked in the same space, block or district for longer than allotted time, and alerts the operator.

Time & GPS - Stamped License Plate Number and Vehicle's Picture are stored in the database and can be used when dealing with appeals as a time-stamped image is available as "proof" of the infraction.

The vehicle-mounted mobile IZM600CH ALPR system can be easily installed on patrol cars, capturing license plate numbers throughout an entire shift.

IZE-CHALKING combined with IZM600CH Mobile ALPR cameras, ALPR software, and portable laptop enables the officer to quickly and efficiantly identify vehicles of interest in real time.

Streaming Live Video: Delivers overview video and images of the vehicle and the license plate.

Real-Time ALPR Engine: Less than 1/2 of a second plate processing time.

Real-Time Alerting: Provides real time alarms on the vehicles that overstayed allotted time based on analytics of the vehicle's License Plate, car picture recognition, and its geo-location.

Ultra-Low Light: Provides legible plate images at dim lighting conditions.

Integrated with: various citaion and payment managment softwares, security, and parking systems - please call for additional information.

Automatically Identify Veehicles and Calculate Vehicles' Parking Time

Camera General
Operating Distance

Vehicle Speed Range
Max Camera angle to
plates

IZM600 Series
6 mm lenses: 2.5 M – 5 M
12 mm lenses: 5 M to 10 M
0 – 90 mph (0 – 140 km/h)
Vertical – 35 °
Horizontal - 45 °

Internals
Sensor
Lens
Shutter
Day/Night
Digital Noise Reduction

1/2.7" Progressive Scan CMOS
2.8 mm, 4 mm, 6 mm, 8 mm, and 12 mm
Supports slow shutter
IR cut filter with auto switch
3D DNR

Environmental
Operating Temperature
Humidity
Rating
MTBF

-22°F to 149°F (-30°C to 65°C)
0% to 95% Non-condensing
IP67
50,000 hours

Electrical
Power Supply
Power Consumption

12 VDC ±20%, PoE (802.3af, class 3)
12 VDC, 0.43 A, max. 4W
PoE (802.3af, 36V to 57V), 0.14 A to 0.09
A, max. 5.2 W

Operation
IR
Recognition Software
IZE-Chalking Software

850 nm IR wavelength
InSignia™ ALPR Engine

Mechanical
Dimensions
(W x H x D)
Weight
Connections

3.10" × 3.21" × 2.52"
78.8 × 81.6 × 64 mm
Approx. 330 g (0.73 lb.)
1 x Ethernet (RJ-45 Female), POE
1 x Power (DC+, DC-, Ground)

VDPU
Supports IZM600 Cameras
Mount
Housing Construction
Operating System
Processing
Memory/Storage
Communications
Dimensions
Weight
Operating Temperature

Vehicle Data Processing Unit
Up To 4 ALPR Cameras Connections
Mounted by mounting bracket
Aluminum Industrial Chassis
Windows 10 IoT Enterprise (64 bit)
i7-Core Intel®
8GB DDR RAM, 1TB
4 x 10/100/1000 Gigabit Ethernet, POE
260x175x79 mm (10.24 x 6.89 x 3.11)"
8.38 lbs (3.8 Kg)
-40°F to 131°F (-40°C to 55°C)

Specifications subject to change without notice