



## Synergize your factory and IoT with Intelligence

Smart Energy | Smart Street Light | Smart Network | Data Analysis

### Bountiful Experiences

InSynerger is known as InSnergy team which incubated in IIT for years, started energy research since 2009 in response to market trends and gradually developed EMS applications in the realms of factory, street lighting, household, and renewable energy that have been actually introduced into more than one hundred fields around the world and also the first application software in Taiwan that won the R&D100. In recent years, we follow global markets trends, develop from energy management towards cloud platform applications and become a reliable smart solutions provider for industries and industrial parks.

### Integrate Agilely

Intelligent, Integrative, and Industrial Synerger is the spirit of the InSynerger brand. With our company name referring to contemplation and adaptation of Cloud and AI applications, InSynerger focuses on the integration of Personnel, Machines and Objects within the industrial realms. We have effectively integrated and made use of respective isolated facilities and neglected energy in order to create new values jointly with our customers.

#### Core Technologies

Comprehensive Technologies

Data Analysis  
Cloud Platform  
Devices Connection

#### Products and Services

Two solutions and one service

Smart Factory Solution  
Smart Park Solution  
Device Connection Service

#### Collaboration Model

Flexible Collaboration

Provision of Solutions  
Device Connection Service  
Joint development of connected devices



# InSynerger Park

## A platform to create a safe, efficient and innovative Smart Park

- Flexible for every park with multiple connected devices and communication interfaces.
- Multiple applications in lighting, traffic, public security and disaster prevention.
- Manage the park via cell phone and PC.



# In-Park Cloud AI Manager



Hundreds applicable InSynerger certification devices



100+ continuously increasing certification devices - visit the InSynerger website to learn more...

## Street Light Management Solution

- Easy manage of all the street lights remotely, replacing patrolling manpower, saving time, and improving efficiency.
- Wired/Wireless, Monitor/Control, Single Light/Circuit, respective solutions for different requirements.
- Automatic diagnosis and notification functions to shorten the time of maintenance.
- Versatile analysis reports can be generated in an intuitive format, such as that of power consumption, availability, power saving comparison, consumables lifespan, street light health status, etc.

## Air Quality Monitoring Solution

- Dynamic dashboard displays ten types of air quality information including PM2.5, NO, H2S, etc., and supports event notifications.
- Historical report of air pollution data, helps pinpoint air pollution hot-spots for enhanced counseling and response.

## Flood Monitoring Solution

- Data analyses of rainfall, drain speed, water level, turbidity of water, etc. providing accurate and reliable prediction of floods.
- Both data and surveillance images are provided for flood monitoring. Image of anomaly activities can be retrieved as alerts, for immediate and accurate event identification.

## SOS Solution

- SOS system combines with street light for immediate help calls and positioning.
- Event Log helps pinpoint security blind zones for accurate use of patrol resources.
- Integrating VoIP enables PCs, tablets, and cell phones to perform 2-way communication in both video and audio, and to manage events as well.

## Parking Violation Detection Solution

- Image Identification Technology replaces Manual Patrolling, accurate identification of violation facts such as red-line and/or sidewalk parking. This enables active alerts to maintain smooth traffic.
- PCs, tablets and cell phones can all be used for monitoring real-time images and receiving alarms by messages, push-notification, LINE, etc.

## Traffic Flow Monitoring Solution

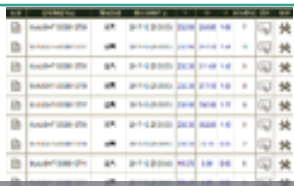
- Image Identification Technology is capable of verifying types, quantity, and speed of vehicles as well as road capacity, for predicting the zone and timing of jams.
- Capable of linking traffic signals in the park with Changeable Message Signs (CMS). Providing real-time jam information to the public during peak hours, for mitigating jams and smoothing traffic.

## Successful Cases



### Street Light

- 80%** power saving with smart streetlights
- 28.6%** saving in power costs
- 1095km** annual reduction of manual patrol manpower



Comprehensible Interface

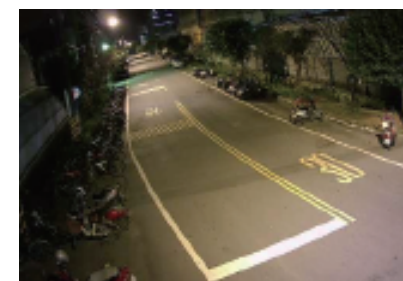


### Parking Building

- 20%** reduction in managerial costs
- 16%** saving in power costs
- 0.87 years** for cost recovery

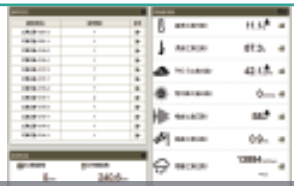


Visualized Management



### Five Industrial Parks

- 75%** power saving



Comprehensive Monitoring

Excellent adaptability

Comprehensive SW/HW functions adaptable to versatile requirements of parks.

Convenient Management

Supports mobile and PC management.

InSynerger Technology Co., Ltd.

www.insynerger.com

TEL : +886 2 7713-4828

Fax : +886 2 2713-0867

sales@insynerger.com

Rm. 401, 4F., No.133, Sec. 4, Minsheng E. Rd.,  
Songshan Dist., Taipei City 10574, Taiwan (R.O.C)

