

License Plate Recognition

Parking Enforcement System

Vehicle Access Control System

Eye-ON System

Crime Prevention CCTV

Network

COMPANY INTRO.

Korea Alpha System Co., Ltd.



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Korea Alpha System

Company Introduce - Summary

Korea Alpha System is a video security system company established in 2001 and has a vehicle number recognition system and object tracking system technology.

We aim to satisfy our customers under the mission of creativity, practice, and trust, and promise to strive to become the world's number one company in video security by constantly developing and upgrading S/W and H/W.

Company name	Korea Alpha System Co., Ltd.	CEO	Kim Je Yong
Registration NO.	504 - 81-39777		
Business fields	Manufacturing (CCTV), Software development, Information and communication construction business		
Address	22, Alphacity 1-ro 31-gill, Suseong-gu, Daegu, Republic of Korea		
Telephone & Fax	TEL +82-53-953-0080 / FAX +82-53-953-0585		
Company foundation	May 10th, 2001		
Major accounts	Local government, Public institution		

Product Introduce

a. License Plate Recognition System

License plate recognition system detects vehicles in the camera as an image detection method, recognizes its plate number, and measures its speed. Also, the system detects moving objects in the image and records the movement.

Major functions

- License plate recognition performance
(Range : within 70 driving orientation of the vehicle)
(Recognition ratio : more than 98%)
- Detect all objects (human, motorcycle, wheelchair, etc.)
(Detection ratio : more than 99%)
- IR-LED used for night vision
- Quick data backup (image and excel format)
- Measure vehicle speed
- Store data at both center and local
- Registration of wanted vehicles
(alarm when the wanted vehicle is detected)



Product Introduce

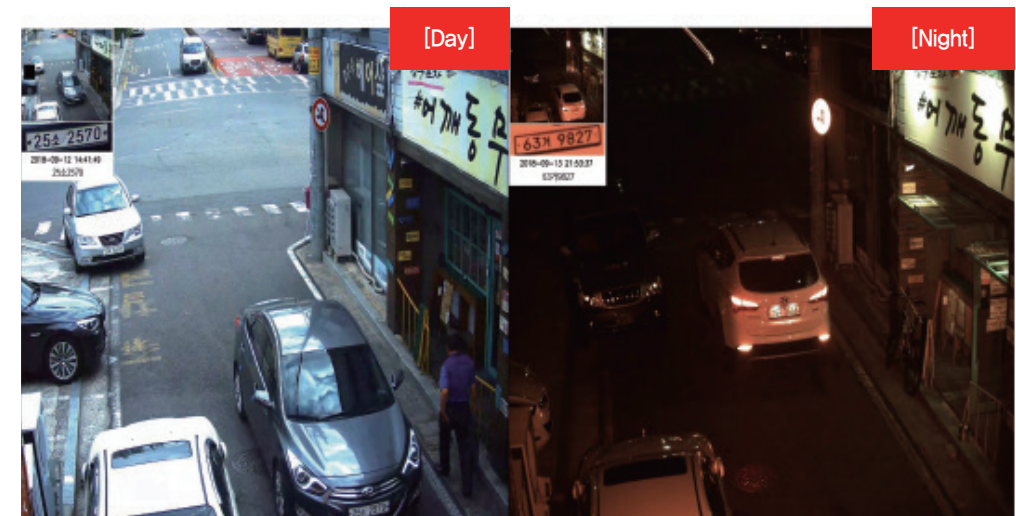
a. License Plate Recognition System

Our number-recognition technology with the best recognition rates in the world can be applied to IP cameras. The results of cctv and numeric recognition technologies show clear perception rates day and night.

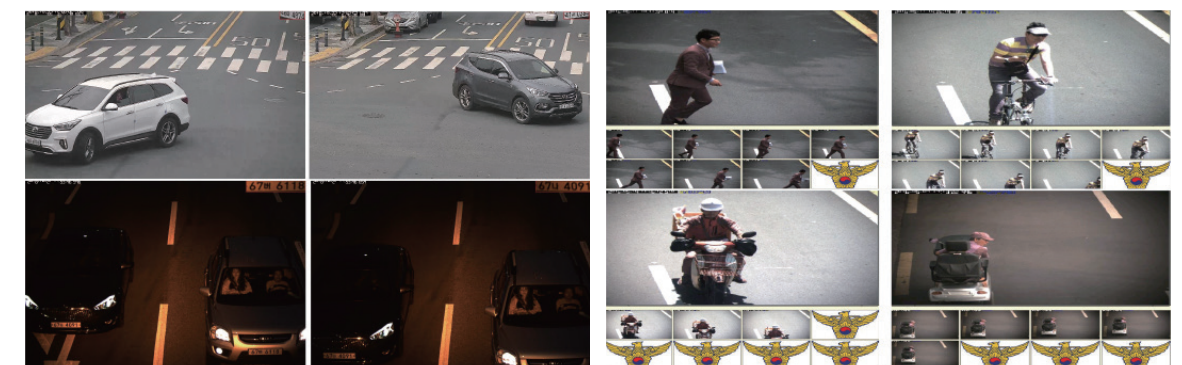
Program screen



[Supports view from 4ch to 200ch]



[CCTV+LPR]



[Various driving pattern detection]

[Object tracking]

Product Introduce b. Parking Enforcement System

Parking enforcement system monitors and crackdown on parking vehicles in a no-parking zone at the integrated security control center.



- ◆ **Automatic Mode**
 - Real-time vehicle detection mode with 1 to 4 cameras
 - Automatic detection of vehicle plate information when the vehicle in the images is detected
- ◆ **Semi Automatic Mode**
 - One-click or multi-click to crackdown on the vehicle and then additional crackdown automatically
 - Crackdown on several areas with one camera
- ◆ **Installed Environment**



◆ Program Screen



[Main screen]



[Crackdown screen]

Product Introduce c. Vehicle Access Control System

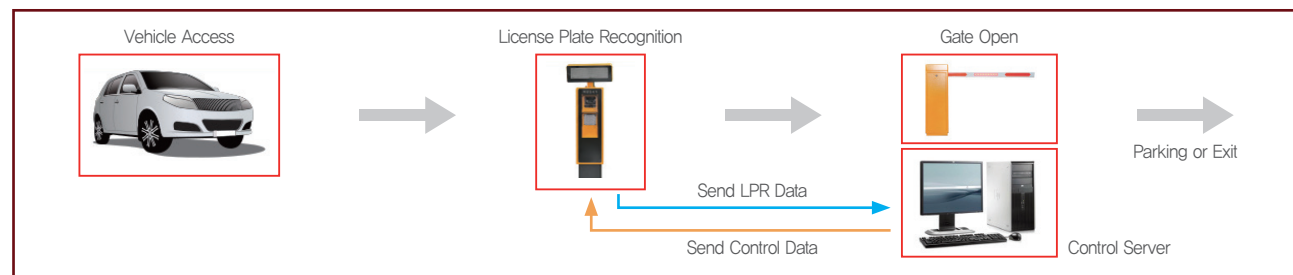


Vehicle Access Control System and exit of vehicles to manage parking spaces. When the vehicle is approached, the license plate is recognized and gate open status is automatically determined.

◆ Installed Environment



◆ Operating Process



Product Introduce d. Eye-ON System

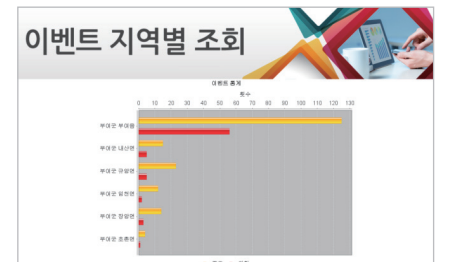
◆ Program screen



[Main screen]



[CCTV equipment management]



[View failure occurrence events by region]



[Real-time failure status]

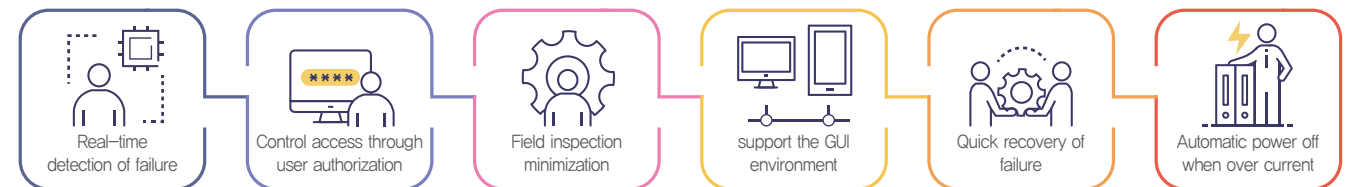
◆ Eye-On system equipment



Eye-ON system, which is a real-time fault recovery system for CCTV systems, is the best product prepared to more effectively maintain and manage equipment installed with CCTVs, such as power, current and temperature.

Characteristic

Integrated fault management system is a solution for remote and remote management of all problems occurring in the field, such as real-time monitoring of power failures and equipment failures, which can often occur in field equipment.



Application case

- CCTV power management and network monitoring
- Power management and network monitoring of network equipment
- Power management and network monitoring and control of the vehicle control system
- Facilities that require control and management of equipment in various facilities, such as subway



Product Introduce
e. CCTV products



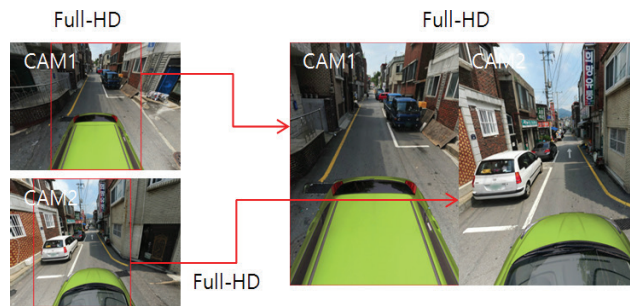
IP cameras can be used not only as security cameras but also as number recognition cameras.



KAS-FR203

X3 IP ULTRA LOW LIGHT DUAL CAMERA

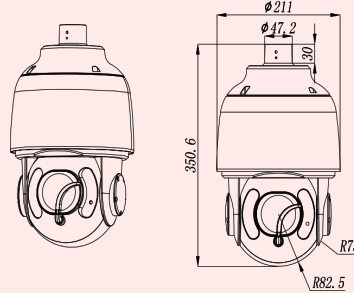
- Network traffic reduction
- New Concept of Two Sensor Camera System
- Easily adjustable two-Universal joint camera gimbal



KAS-HRSD400

X30 IP ULTRA LOW LIGHT IR PTZ OUTDOOR CAMERA

- 432x zoom factor (36x optical, 12x digital)
- Using the Encoder Motor for Location Control
- Use of low noise pan tilt : not more than 32.5 dB



KAS-H2012VAIR
ANPR
(Automatic Number Plate Recognition)
x12 HD IP CAMERA



KAS-IRB120
X12 IP ULTRA LOW LIGHT
HOUSING BULLET CAMERA



KAS-HIRB200
X4 IP ULTRA LOW LIGHT
BULLET CAMERA



KAS-H2012AZIR
x12 HD IP BULLET CAMERA



KAS-FRSD360
2M x36 x3 HD IP PTZ
TWIN-ONE CAMERA



KAS-HIRD200
X4 IP ULTRA LOW LIGHT Dome
Camera