

Integrated Failure Management System

Eye-ON System



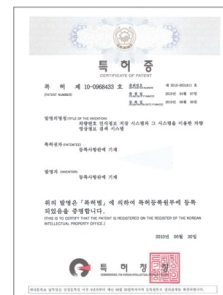
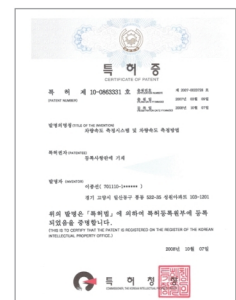


Company Introduce – Summary

Company name	Korea Alpha System Co., Ltd.
Company foundation	May 10th, 2001
CEO	Kim Jae yong, Kwon Young hee
Business fields	Manufacturing (CCTV), Software development, Information and communication construction business
Address	22, Alphacity 1-ro 31-gil, Suseong-gu, Daegu, Republic of Korea www.kasnet.co.kr
Telephone&Fax	TEL +82-53-953 -0080 / FAX +82-53-953-0585
Branch	Daegu(Headquarters), Chungnam Governor, Gyeongbuk Governor
Major Business	License Plate Recognition System , Crime Prevention CCTV , Children Safety System , Parking Control System , Parking Enforcement System , Integrated Failure Management System

Patent Status

- ▶ Image conversion method for recognition of license plate detected in blind spots (No. 10-1162701)
- ▶ The vehicle number recognition system and vehicle number recognition method (No. 10-0852683)
- ▶ Vehicle speed measurement system and vehicle speed measurement method (No. 10-0863331)
- ▶ Vehicle number recognition information storage system and vehicle image information retrieval system using the system (No. 10-0968433)
- ▶ Multiple object recognition device and its method (No. 10-1173853)



Certificate Status



Eye-ON system



Eye-ON system, which is a real-time failure 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.

Eye-ON system is a solution that integrates and manages all problems in the field, such as real-time monitoring and disaster recovery of power and equipment failures that are common to field equipment through remote connections.





Features and Functions

Real-time detection of CCTV equipment failure



Provides app-based GUI environment

Quick recovery on-site equipment failures



Over-current power down by power port

Access control through user authorization



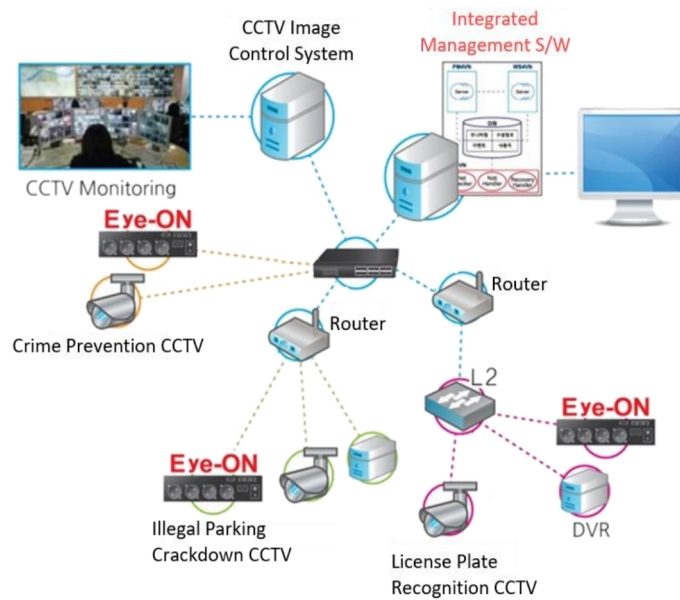
Minimize A/S on-site dispatch in case of failure

- ▶ Power management and network monitoring of network equipment
- ▶ Local control / setting / monitoring using serial communication
- ▶ Automatic resetting of router according to the internet connection status
- ▶ Power consumption measurement for each device connected to the equipment
- ▶ Automatic mode using sensor and time
- ▶ Fault detection and automatic reporting of Eye-ON equipment
- ▶ Batch-monitoring, fault detection and notification with integrated solutions
- ▶ Real-time notification of failures through smart devices





System block diagram



Applying Field

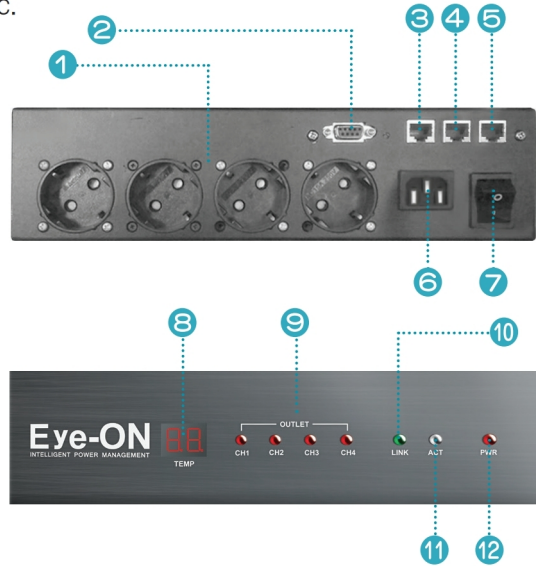
- ▶ Power management and network monitoring of crime prevention CCTV
- ▶ Power management and network monitoring of network equipment
- ▶ Power management and control, network monitoring of parking enforcement system
- ▶ Facilities requiring power control and equipment management, such as subways
- ▶ Facilities requiring power control, such as video conferencing, digital lectures, etc
- ▶ All places requiring control of equipment power, such as bus stops, digital electronic boards, etc.





Eye-ON Equipment Manual

- ① OutLet : 4channel device connecting PC/equipment etc.
- ② RS232 : Console connection port
- ③ MAG : Device port for door opening/closing
- ④ T/H : Device port to receive temperature/humidity
- ⑤ LAN : Network connection port
- ⑥ AC 220V / 15A : Power supply cable connection port
- ⑦ PWR S/W : Power ON / OFF button
- ⑧ TEMP : Indicates current temperature and humidity
- ⑨ OutLet CH : Connected channels are shown in red
- ⑩ LINK : Network connection status is shown in green
- ⑪ ACT : Device operation status is shown in yellow
- ⑫ PWR : Power connection status is shown in red



Specifications

Power	Input	Voltage(V) : AC 220V / 60Hz
		Current(A) : 15A
	Output	Voltage(V) : AC 220V / 60HZ
		Current(A) : 10A Outlet 4Port
Network	Ethernet	10/100Base-T
		10Mbps Ethernet
	RS232	RS232RS-232 Serial Interface

Sensor	Temperature Sensor
	Humidity Sensor
	Magnetic Sensor
Operating Environment	Temperature : -10°C~60°C
Size(WxHxT)	300X200X80mm
Major Function	Remote control/set up/monitoring using network communication
	Local control/ set up/ monitoring using serial communication
	Automatic reset of router equipment according to Internet connection status
	Current measurement : 100mA unit/overcurrent
	Automatic mode function using sensor and time
	Door Open Detection



Integrated Failure Management System(Eye-VIEW)



Eye-VIEW Main Screen

- ▶ The first screen that administrators print when the log in
- ▶ Failure management through the menu screen of home, account, remote site, events, statistics, system information



Real-time failure status

- ▶ View on the map where Eye-ON is installed
- ▶ Real-time check of connection information and status of equipment that has encountered problems



Equipment management at remote site

- ▶ Screen to register and manage information with Eye-ON installed
- ▶ Check the installation address, function, detailed information, IP address, and network connection of the equipment



View failure occurrence events by region

- ▶ The administrator checks the system for problems and normal operation, such as failure status and number of failures, through the lookup function

Integrated Failure Management System

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