



English ver.

Featured Product Catalogue

Improves the mobility, safety, efficiency and environment of transportation. Supports convenient and comfortable well-being life and pursues safe roadway environment.



Featured Product Catalogue

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*Newly Emerging **SECURO***

Young and talented employees of SECURO newly start with pioneer spirit through continuous self-renovation without contenting with current standing. We, SECURO, will endeavor to become the world class leader in this Digital Information era of 21st Century, which encompasses architecture and construction beyond IT industry, through consistent R&D, and always be with our clients with true heart of customer satisfaction.

*Creating Rich **Future***

Dreaming of the Global Leader of Digital Information era, we pursue the management that can provide value creation and impression for clients based on technology and trust.

*Pioneering the Future **with Clients***

We wish to grow to a company where human and technology coexist based on the management theme of hope and relationship.



Main Business

Overseas SOC Business, Video & Security System, Transportation, Smart City Infra, R&D, Differentiated service for all stages of Design, Development, installation, operation and maintenance.









Main Business. 1



Construction

Architectural Design and Construction for Main Stadium, Swimming Center, Training Center, Hotel and Resorts





Stadiums Const. & Trade			Azerbaijan The 3rd. FIFA U-17 Women' s Worldcup Stadium	
	Swimming Center			Training Center
Hotels Const. & Trade			Resorts Const. & Trade	
	Hotel			Hotel
				
		Staff House	Villa	

Main Business. 2



Security · ITS

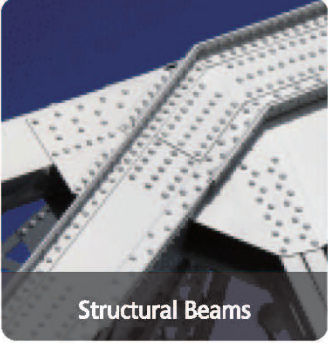


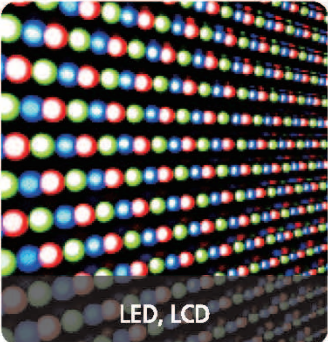
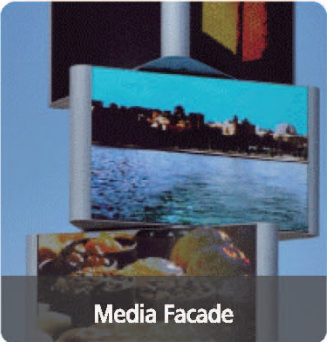
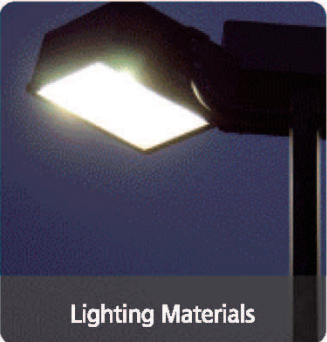
Improves mobility, safety, efficiency and traffic environment of transportation, supports convenient and comfortable well-being life and safe road traffic environment with fastest path information

Best Solution				
	Security System	Integrated Control	Advanced Transportation	Payment System
Optimal Services	CCTV is installed at major locations to monitor any accident or crime 24/7	Using geographical information, exact location of accident and crime is determined.	Intrusion tracking service is provided for dangerous and safe area.	Monitoring direction can be reset to the exact call spot using preset feature of CCTV to allow communication between the operator
	Video Surveillance	Location Measurement	Tracking & Fishing Net Monitoring	Emergency Bell

Main Business. 3

Export of building materials such as rebar, piping and architectural interiro/exterior materials, LED Landscape Lighting & Media Facade, AFC

Trade 

<p>Building Materials</p>	 <p>Structural Beams</p>	 <p>Piping Materials</p>	 <p>Architectural/exterior Materials</p>
	 <p>LED, LCD</p>	 <p>Media Facade</p>	 <p>Lighting Materials</p>
	<p>Industrial Materials</p>		

Main Business. 4

Environment-Friendly, New/Recycled Energy-SolarcellPower Generation System, Export of Medical Facility and Service

Energy · Health-care 

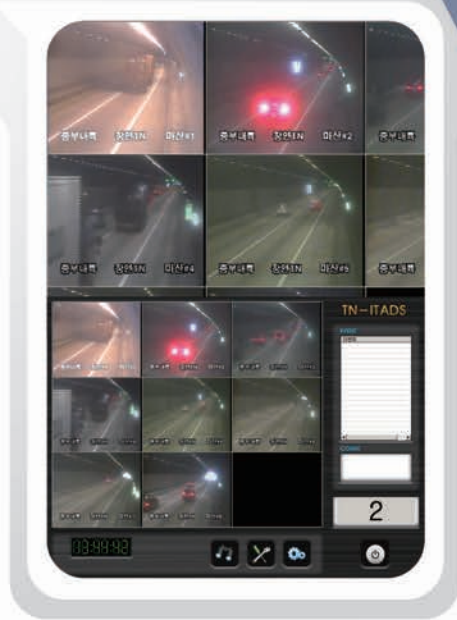
<p>New/ Recycled Energy</p>	 <p>Energy Saver</p>	 <p>Hybrid Transformer</p>	 <p>High-Efficiency Power Generator</p>		
	<p>Export of Medical Facility</p>	<p>Patient Management Account</p> <p>PM/PA</p>	<p>Order Communicating System</p> <p>OCS</p>	<p>Picture Archiving Communication System</p> <p>PACS</p>	<p>Electronic Medical Record</p> <p>EMR</p>

Intelligent Tunnel Accident Detection System

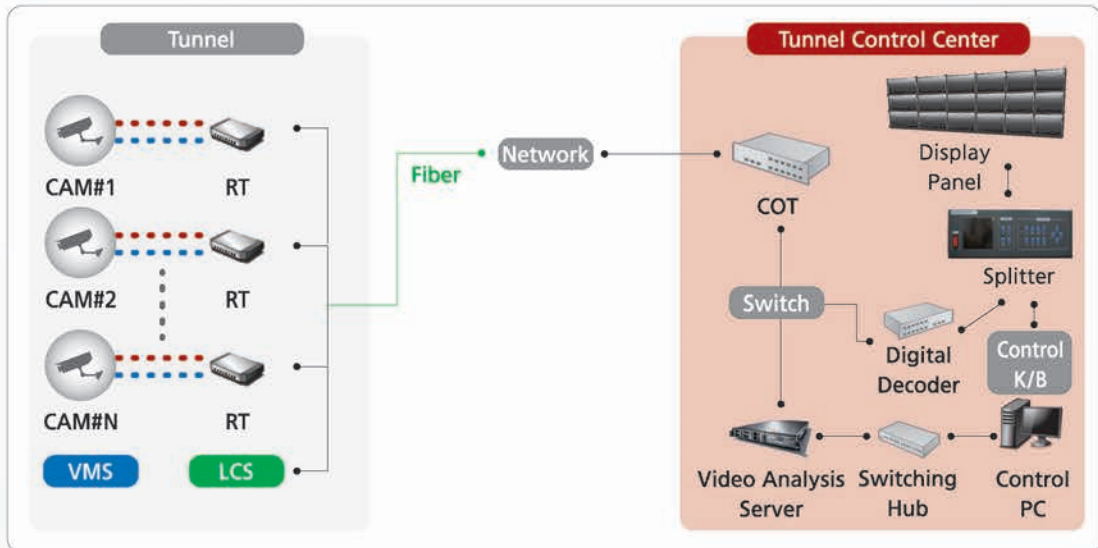


Descriptions



Intelligent Tunnel Accident Detection System(IT-ADS) is composed of TN-ITADS-Server and Client. TN-ITADS-Server collects videos from CCTV installed in the tunnel and analyze them to detect reverse driving, jay-walker, object dropping, stationary vehicle and smoke. TN-ITADS-Client aurally notifies the accident event delivered from TN-ITADS-Server and monitors each server for status information, which enables integrative tunnel control system.





Diagram



Features

- 
Tunnel Accident Detection
 Reverse driving, dropped object, jay-walker, smoke, stationary vehicles can be detected
- 
Automatic Exposure Adjustment
 Robust with the image change due to the automatic camera exposure adjustment

- 
Cost Reduction and Compatibility
 Existing CCTV and general CCD cameras can be used
- 
Optimized System Development
 Prompt and flexible adaptation can be made according to the customer requests

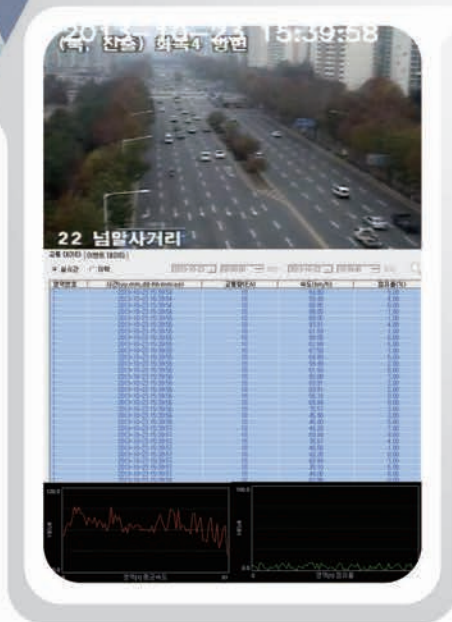


Applications

- Tunnel
- Road
- Bridge
- Crossroad

Traffic Flow Analysis System

(using General-Purpose CCTV Cameras)

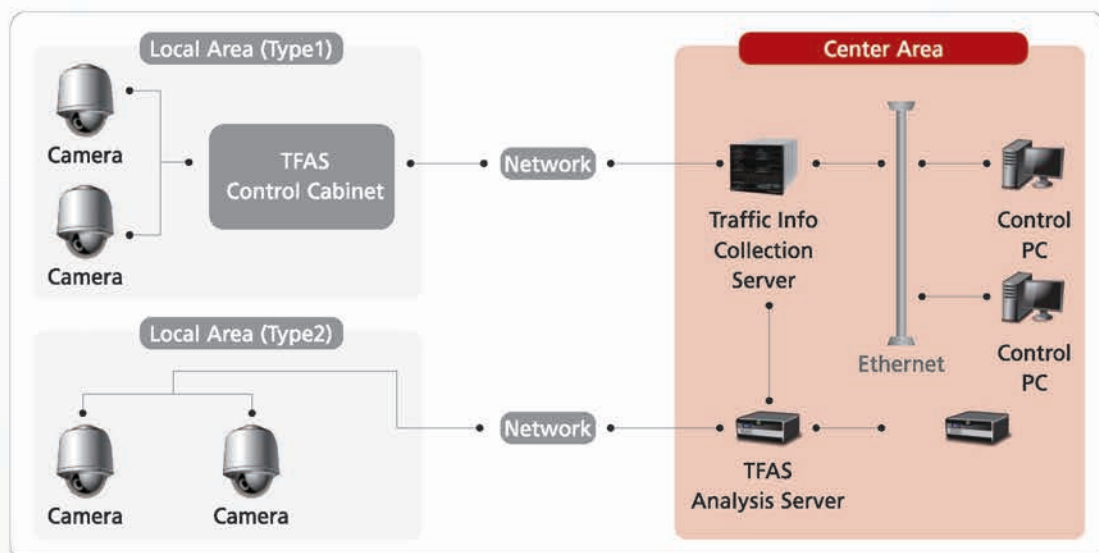


Descriptions

Traffic Flow Analysis System (TFAS) using General-Purpose CCTV Cameras is a system for measuring traffic density, average vehicle speed, traffic congestion state on the road. TFAS is capable of automatic analysis area detection, multi-area analysis by camera presetting and is applied with an advanced technology for environmental influence minimization. Using general-purpose CCTV cameras unlike existing VDS systems, TFAS can be installed and managed with great facility and very cost-effectively because it is not installed directly on the road lanes.



Diagram



Features



Traffic Information Generation

Generation of traffic information such as traffic density, average vehicle speed, congestion state



Automatic Detection Area Setting

Automatic recognition of lane direction, automatic detection area search after camera direction change



Nighttime Performance Improvement

Not affected by various illuminations like headlights, roadlamps, etc.



Robustness for Weather Variation

Not affected by rainfall, snowfall or light intensity



Applications

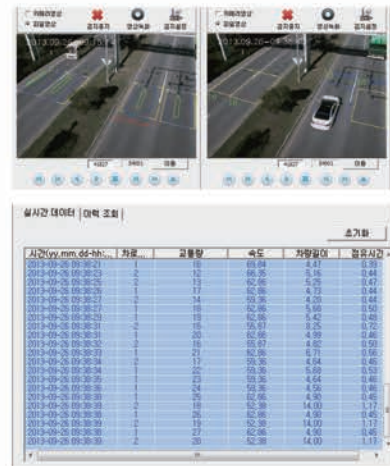
- Highway
- Main Street
- National Road
- Alley

Video-type Vehicle Detection System

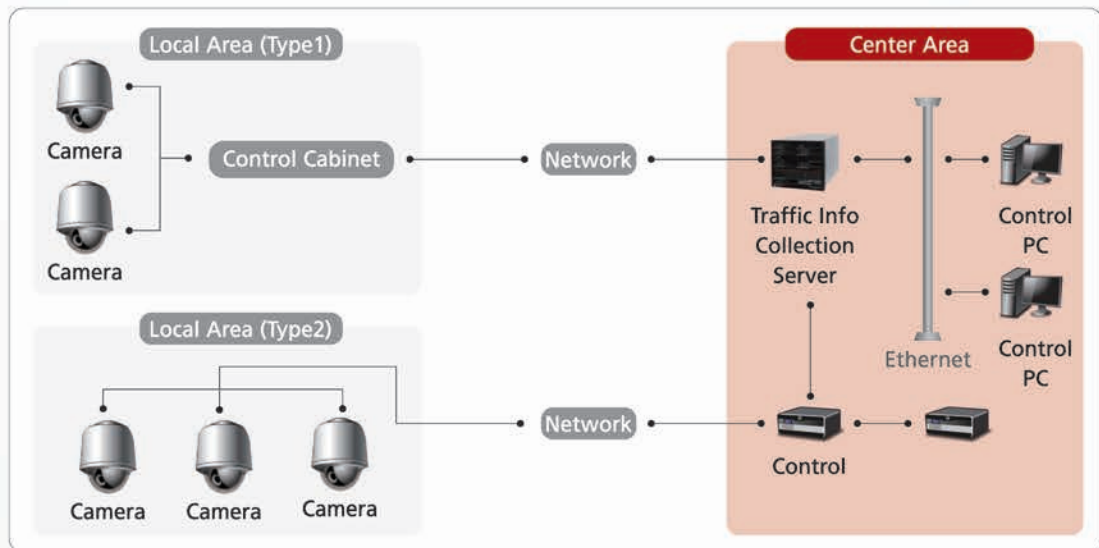


Descriptions

Video-type VDS acquires and provides real-time traffic information such as traffic congestion, traffic volume and speed by analyzing video data. There are two types of local systems. Type 1 analyzes video data at the local control cabinet. Type 2 in the analysis server in the control center. In both types the result is shown to the user through collection server and control PC.



Diagram



Features

No Installation on the Road Surface
 Installment and Management requires no road blocking, which makes it cost and time effective

Analysis of Video Data
 Various traffic information is acquired cost-effectively



Applications

- traffic volume
- traffic flow state and road occupation rate
- vehicle length and type classification
- real-time video streaming

Quadrotor Drone

(Small Unmanned Aerial Vehicle)



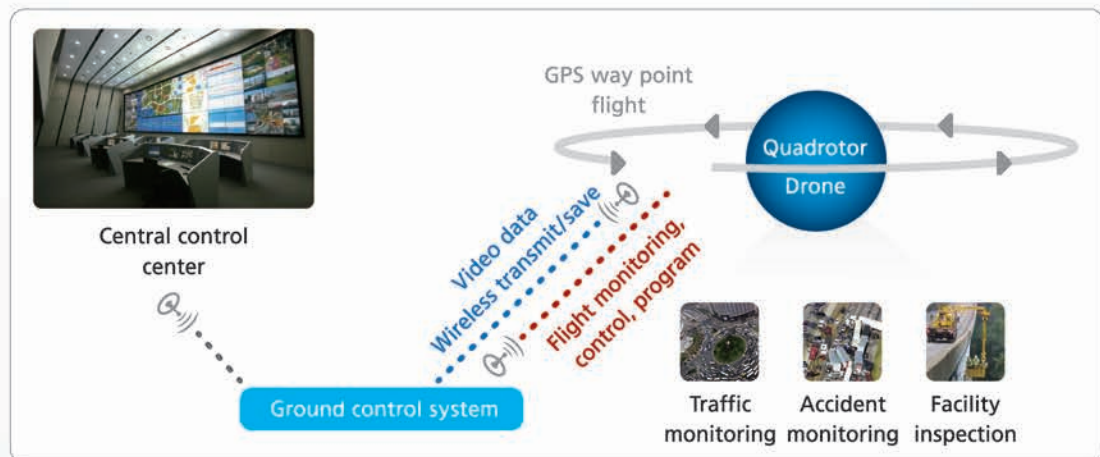
Descriptions

The SUAV(Small Unmanned Aerial Vehicle) is designed to do automatic flight control and automatic GPS way-point navigation flight. Also it has high definition camera which can take and transmit the video image on real time. It is portable system.

The SUAV system can be used in traffic surveillance, monitoring, traffic accident control situation that the human can not come closely. Furthermore can operate for a road and bridge safe inspection without human risk.



Diagram



Features



Compact flight system

Light weight and portable system by Integrated flight system and Carbon-Fiber body



Easy system operation

To provide Easy, control, Stable flight operating by automatic flight control system



HD video record

To take a high definition video and transmit, save, analysis



GPS Way point flight

It can operate automatically by GPS location point that user programmed



Applications

- National Emergency Management
- Roadway management / monitoring
- Local government route management
- Facility and bridge management/inspection

Smart Road Light

(for the Crosswalk)



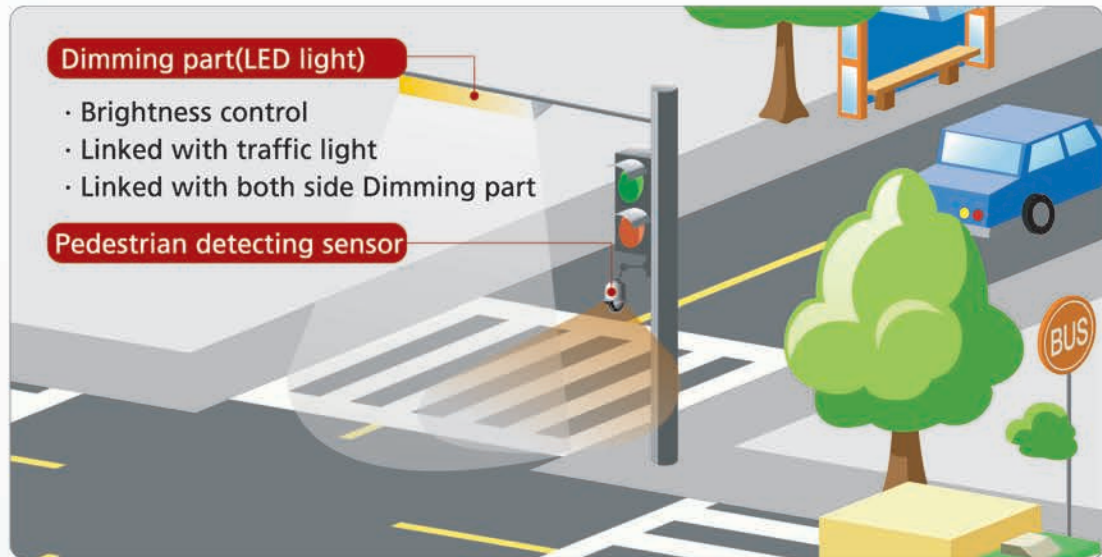
Descriptions

The Smart Road Light system is designed to illuminate a street by LED light brightness and time depend on a sensor that detect a pedestrian, a vehicle.

It provides energy conservation, traffic accident prevention. also it can be used to work together with the traffic light by detecting sensor and dimming available LED light.



Diagram



Features



Energy conservation

Efficiency power use, reduce a standby power, flexible power use



Varied monitoring solution

Available to monitoring local device Status, error code



Early reacting light

Instantly light up when the sensor detect pedestrian



Convenient installation

Simple system contents as a sensor part and dimming part., available to link to traffic light



Applications

- Few pedestrian crosswalk
- Country side crosswalk
- School zone
- Unsettle area crosswalk(office town)
- Mountain road side

Hi-Pass System

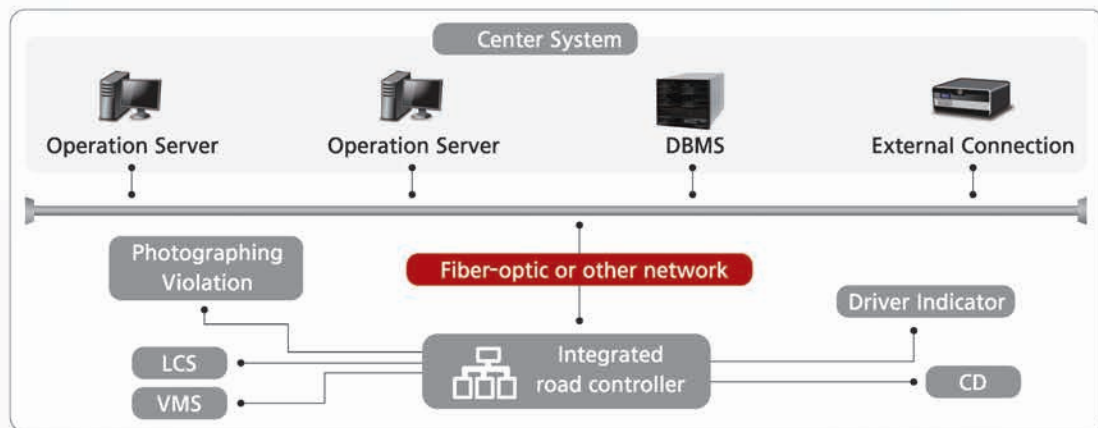


Descriptions

Hi-Pass system is high-tech toll collecting system which collecting toll by wireless communication between repeater all the place and terminal that placed in the vehicle. All types of operation is possible in our country's highway, such as open/closed/mixed type etc. Our company developed and manufacturing/supplying integrated lane controller.



Diagram



Features



Stable independence system

Stable operation and convenient maintenance by Single system component



Available combined operation

Available operation both RF and IR system



Stable DSRC type

To apply 5.8Ghz active RF-DSRC communication type



Available integrated lane control

Can do integrated multi lane control by specific controller



Applications

- Toll collection system (Highway)
- private financed highway and road
- Non-stop/Unmanned vehicle control system
- Varied kinds TCS

Emergency call device (CT-EB100) by bothway communication







Descriptions

CT-EB100 is designed to communicate between local and control center in emergency situation. It provides emergency alert, call instantly. This device is operated for public safety with CCTV and other security system. It has high durability, reliability of system quality. Also the case is designed to install perfectly by buried system design at the public structure.






Characters

-  High durability, reliability system
-  Non noisy communication by high tech MIC/SPK
-  Perfect buried system design
-  Perfectly compose a security system



Features

- | | |
|--|--|
|  High durability
It is made in anti water, dust design to prevent environment influence |  High tech MIC/Speaker
High quality MIC and Speaker amp can provide stable communication in any emergency situation |
|  Buried system design
Available to install perfectly by buried system design for safety |  Optimized system composition
Available an optimum system composition and flexible system design |



Applications

- Emergency alert (traffic road, Bridge)
- Request for rescue
- Emergency call

MFCU-CTRL

(Multi Function CCTV Controller)







Descriptions

The MFCU-CTRL Multi function CCTV controller supports a high definition image camera such as HDSID level and it is made to realize above Digital CCTV system requirement in stability and convenience. It can control basic CCTV controlling as Pan/Tilt, Zoom/Focus remotely include self temperature control and observation. Furthermore it does remote control the wiper and washer liquid spray. A maintenance man can set and inspect the CCTV function at the field site easily through the device switch and LCD







Characters

-  Integrating functions for Digital CCTV
-  Increasing operational efficiency
-  Available field control/inspection
-  Monitoring/Controlling to the field case

MFCU-CTRL



Features

- | | |
|---|---|
|  Integrating control function
Pan/Tilt, Zoom/Focus, Preset controlling Field device condition monitoring |  Communication function
To operate the CCTV remotely, it provides Ethernet and Serial communication port |
|  Real time field inspection/setting
As the control center, It can field inspect and operate the system directly with TFT LCD |  Supports HDSID camera level
It supports a HDSID level CCTV camera to realize high definition image |



Applications

- Road traffic CCTV system
- Environment monitoring system
- Public safety CCTV system
- Imaging observation CCTV system

VA Camera

(Video Analytic Camera)

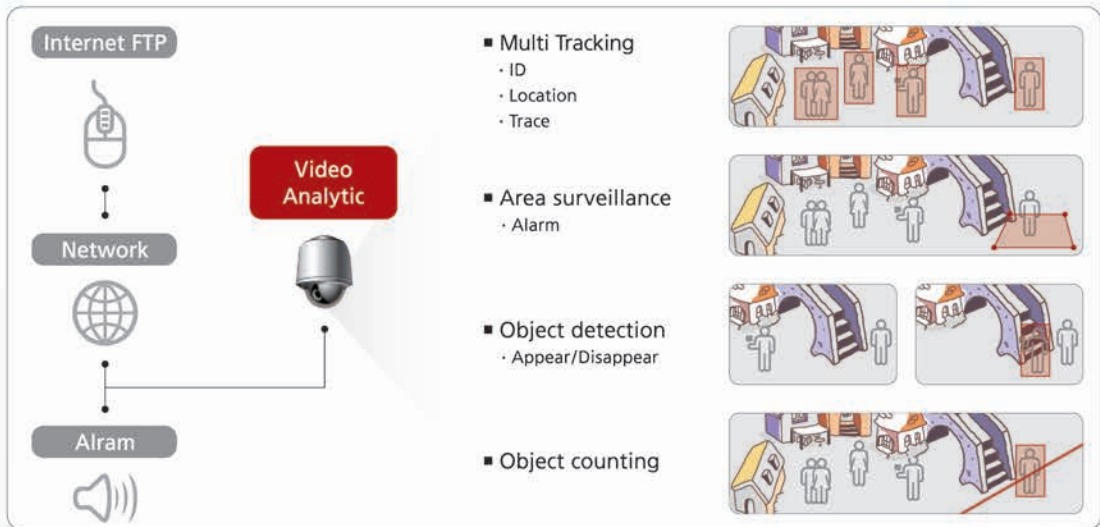


Descriptions





The VA (Video Analytic) camera is standalone camera which provide video analysis function. It does not need extra PC device or others to process video data analysis. It can detect multi objects in same time while tracking, monitoring the object. Furthermore it can count a passed object at the selected area.



Diagram



Features

- 
Integrated standalone Device
 Without extra PC, S/W, it process Video Analysis, data processing
- 
Convenient installation/setting
 It is a standalone device, so it can install easily with easy setting
- 
Available HD video
 HD video available while video analysis, encoding to provide high definition video quality
- 
Automatic tracking/Log(optional)
 Automatic tracking function available with PTZ device and saving event log file



Applications

- Intelligent facility surveillance system
- Intelligent CCTV monitoring system
- Safety management and warning system
- Intelligent video data gathering system
- Intelligent access control system

Parking space management system

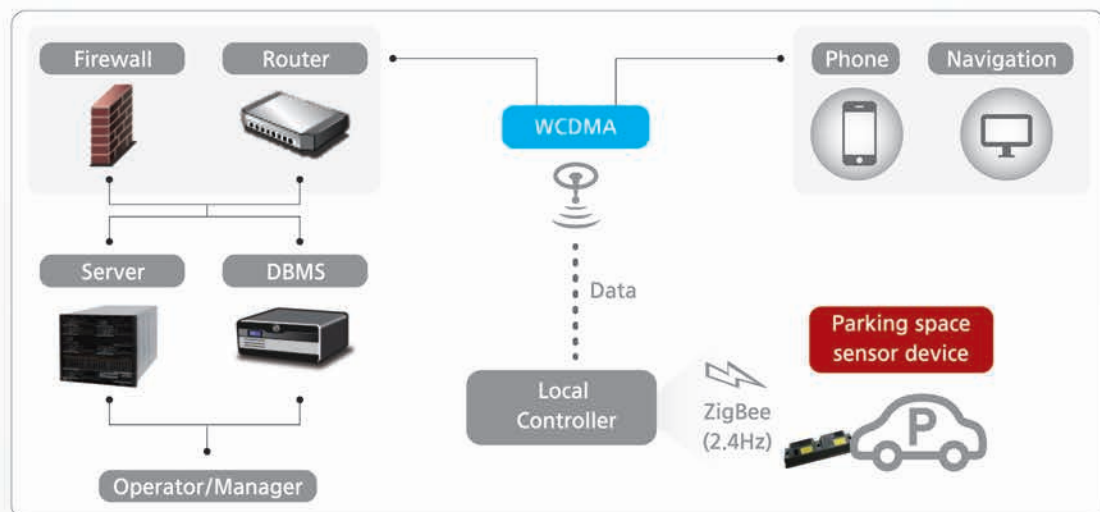


Descriptions

The Parking space management system is designed to manage parking lot effectively for Car sharing business, Unmanned Vehicle rental business. It is composed USN(Ubiquitous Sensor Network)type space management device and local system controller.



Diagram



Features



Simple system composition

The system is composed of a parking space device and local controller. All wireless connected



Available active management

Available to manage a space and real-time monitoring



High Quality device

Friendly device design and high impact resistance, anti water, anti dust system



Wireless network, Control

The system uses Zigbee type wireless communication technology with Ultrasonic sensor



Applications

- Unmanned Parking management system
- Large size parking lot management system
- Apartment parking lot management system
- Local road parking lot management system
- Car-Sharing and Rental service