ASCM
Automation Security Control Management

High Customization Flexibility

E-map Video Monitoring

High Compatibility With Various Subsystems

Real-time Response To Alarm Events

Single Platform Management

ASCM STD | ASCM ADV | ASCM CMS

System & Device Group Control

BEST CHOICE
Exclusive Design

Smart Video Management Software Upgrade

THE BEST MANAGEMENT PLATFORM FOR INTEGRATING LARGE-SCALE FIELDS

ASCM is specially designed to integrate various heterogeneous systems. No matter it is access control system, sound and light alarm system, perimeter protection system, point of sale management system, facility monitoring control system, building management and environmental control and so on, all can be managed by intuitive interface. The intelligent division of work among heterogeneous systems can be integrated into single management platform according to environmental conditions or business processes, so as to facilitate the users' operation and control.

ASCM
Automation Security Control Management

Diagram segments:
- Smart video surveillance system
- Access control system
- Perimeter protection system
- Audio and video intercom / emergency help system
- Wireless intercom system
- Sound and light alarm system
- Patrol system
- Wireless positioning system
- Facility monitoring control system
- Warehouse management system
- Point of sale management system
- Parking lot management system
- Smart intelligent video analysis system

HIGHLY HETEROGENEOUS SYSTEM INTEGRATION PLATFORM WITH STABLE & DIVERSIFIED FUNCTIONS MEET ALL POSSIBILITIES!

Realize intelligent and efficient management for users.

Innovative and user-friendly interface
- Users can set up by themselves.(Template)
- Paging operation helps to know information clearly.
- Each subsystem & functions are classified clearly.
- Real-time status of each subsystem is presented through dashboard.

Real-time response of alarm events
- Integrate various security subsystems and know alarm location through the alarm page.
- Real-time alarm notification and support alarm sound prompting.
- Support warning message memo, messages can be notified through SMS, email and recorded in the event log.

Real-time monitoring of visible e-map
You can view the real-time status of the cameras, access control card machine, alarms and other integrated devices directly on the e-map

AI analysis and system linkage
- Support AI intelligent image analysis applications: face recognition, license plate recognition, perimeter intrusion prevention, etc.
- Support video & audio emergency button system

Software Function

The evolution from traditional passive monitoring into active integration analysis pre-warning, the superior control management platform enhances the scalability of equipment, greatly reduces the inconveniences of traditional systems, and a large number of manual operation and difficulty. Depth intelligent management and control can improve safety and operation efficiency of the environment and devices, reduce labor consumption, and truly achieve the purpose of intelligence, automation and timeliness. In order to realize efficient management, visible e-map and accurate alarm functions are provided, so it can be applied in any fields. ASCM absolutely meets your needs.

Intuitive interface improves user's experience

Unique and innovative interface provides user-defined layout and flexible configuration. All the functions of subsystems are classified and presented clearly on the home page, easy to use.

Exceptional Dashboard

The dashboard presents the real-time status of current image, access control, POS, alarm and other subsystems by means of the chart on a single page.
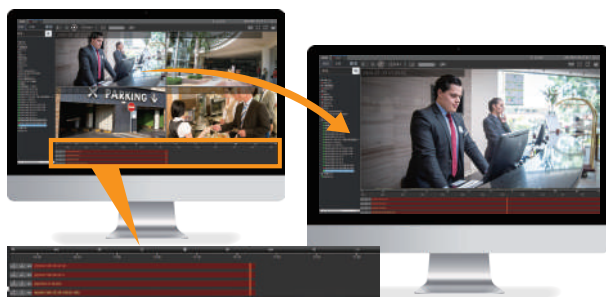
Segmentation page and template

Built in a variety of image segmentation page templates. You can set cameras quickly on the segmentation page and store as the specific template page for use. In addition, you can set the watermark content, playback and export files.

Smart face search

Conduct face search for unknown persons or visitors and confirm the location where the face once appeared through reverse search. Register the face for visitors during the reverse search and find the time when the face appeared through the time segment search method.

Video playback

Click the synchronous playback button on the toolbar to playback multiple or single video and search the video quickly through the time axis.

Real-time e-map monitoring

E-map can present the real-time status of cameras, access control card machine, alarms and other integrated equipment and devices in an image-based manner, so that managers can identify the exact location of the event quickly in the work environment and take corresponding actions.

Integrate various subsystems and image linkage display

Integrate various subsystems such as access control, fire alarm, emergency call button and intercom, and know the location of the alarm through the alarm page clearly. When abnormal situations occur, alarm board will show the notifications. Users could see live-view and search for alarm record at the same time, as well as consulting relevant images.

Software Specifications

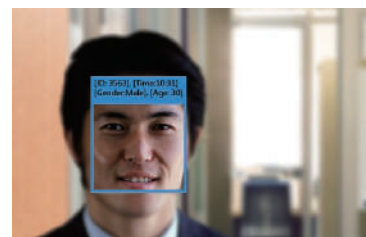| Software Version	ASCM^{STD}	ASCM^{ADV}	ASCM^{CMS}
Monitoring	V	V	–
E-map	V	V	V
Alarm Monitoring	V	V	V
Alarm log	V	V	V
Access Control System	–	V	V
Object Search	–	V	V
Template	–	–	V
Face Recognition	–	V	V
Search Server	V	V	Automaic Configuratioin by CMS
Group Settings	V	V	Automaic Configuratioin by CMS
Account Settings	V	V	Automaic Configuratioin by CMS
Layout Settings	V	V	V
Joystick	V	V	V
Audio Broadcast Setting	V	V	V
Access	–	V	V
Tour Setting	V	V	V
System Settings	V	V	V
Face	–	V	V
Alarm Settings	V	V	V
Desktop Recording	–	V	V
Automatic Version Update	–	–	V (Configuratioin by CMS)

Subsystems integration (integrated into ASCM for skip graph and image linkage display)

Access Control System

It can control the access of personnel in specific areas. AI IP cameras can extract real-time face photos and quickly transmit them to the database for analysis and comparison. When the identity does not match, the access control system will automatically deny the access and call the alarm to inform the administrator. It can effectively prevent unknown people from entering without permission.

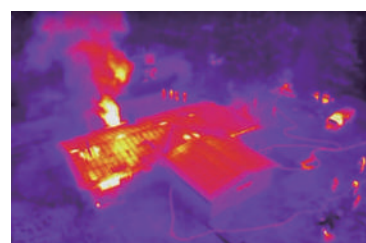**Recommended Software** 3Smart Face Recognition System

License Plate Recognition System

It has excellent image monitoring technology to realize the high-tech license plate recognition system, AI IP cameras can extract, capture and identify the license plate number and other features of moving vehicles to complete identification and comparison by back-end system.

Very Early Fire Warning System

The AI algorithm in the thermal IP cameras can detect the temperature change status in a specific area. The monitoring personnel can confirm the location of flame through the monitoring screen, and then take emergency measures rapidly.
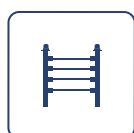

Audio & Video Intercom Emergency Help System

Set up emergency rescue equipment in public or private places. When an emergency occurs, you can press the emergency rescue button immediately to connect to the guard room or central control center for video intercom, push message, group broadcast and other functions.

Facility Monitoring Control System

From the energy management of equipment to monitoring, the combination of intelligent analysis with early warning mechanism can make the managers know information about situation in the factory. Through the system flow analysis chart, they can grasp the dynamic of the whole region, and then make appropriate adjustment and management.

Perimeter Protection System

Different detection and sensing devices can be set in specific areas or environments to effectively prevent terrorist attacks, invasion of thieves or other abnormal conditions. When the specific area is invaded, the operation control center can take emergency response measures.

Building Automation Management System

Based on the concept of integrating energy conservation with intelligence, the automatic control and integrated management of the equipment in the building are realized, including air conditioning, lighting, electromechanical, fire protection, as well as information and communication services provided by users, so as to create a comfortable, convenient and safe home and office environment.

Wireless Positioning System

It can accurately determine the location of equipment or personnel in the building and effectively assist the management personnel to track the location of personnel or tangible objects. This system is often used for industrial safety inspection, fire rescue, commercial activities and medical care, etc.

Recommended Software & Equipment

HDCC
HD Command Center

PRO high-definition image display platform

HDCC is a powerful high-definition video viewing management platform of 3S. It supports unlimited access to the number of cameras (up to 128 channels) and support multi-screen display (up to 4 screens). It can also integrate video and audio screens into 3S TV wall decoder and TV wall matrix display software are combined into a large-scale TV wall solution.

Support TV-Wall	e-map	Playback	Quick Search	Group Sequence Display

One-click camera setup

The system can automatically search for video recording servers cameras and one-click to set up completely.

Live view and playback

Able to display live view and playback at the same time no need to interrupt other cameras monitoring work.

Overview of all e-map area

According to your needs, users can arrange cameras and alarm icons on the e-map, and set the link for each e-map.

Smart motion search

Directly mark a specific are on screen. The marker will be shown on time line if there is object's movement in the area.

intel
Workstation
(Equipped with HDCC)

Model No.	G20641	G41281
Software	HDCC Dual	HDCC Quad
Channel	64 CH	128 CH
CPU	Intel® Xeon® CPU CPU E3-1275V5 (8M Cache, 3.60 GHz)	
Memory	16GB 2133MHz DDR4 RAM	
System	Windows 7 (Stadard) / Windows 10 (Optional)	
Graphics card	2GB Independent graphics	
Display support	3	4
Total power	500W	
Voltage	100 - 240Vac	
Size	(W)193 x (D)525 x (H) 424mm	