



Description

This software is applied to small and medium-sized campuses , providing all-round, efficient and safe security solutions for small and medium-sized campuses. It is a comprehensive security management software. It can achieve seamless connection of network cameras, WVR and other security equipment to cover key scenes such as building perimeters, entrances and exits, elevators, office areas, etc., build a solid and reliable video surveillance system for customers, and effectively ensure the safety and stability of the campus.

Features

High-tech enterprise of audio, video and telecommunication system products

Due to the continuous upgrading and improvement of products, the product pictures and technical parameters provided in this catalog are for reference only. Please refer to the actual product. The software runs on the domestic Linux operating system, adopts B/S architecture, and supports remote login web management; it can provide management control, data interaction, service and other functions for the security system.

- *Protocol connection: The protocol supports ITE private protocol, GB28181 protocol, Hikvision SDK private protocol, Dahua SDK private protocol, and Onvif protocol device access;
- *Transmission encryption : Internal communication within the system, data interaction between the platform and the mobile terminal are all encrypted using the national encryption algorithm to ensure that the transmitted data is secure and reliable ;
- *Real-time preview: The real-time preview module supports image capture, video recording, volume control, mute switch, instant playback, voice intercom, electronic amplification, stream switching, PTZ control, closing all previews, screen splitting (up to 64 screens), screen adaptation (fixed ratio, adaptive stretching), full-screen operation, system configuration, and custom resource view ;
- *PTZ control support: support up, down, left, right, upper left, upper right, lower left, lower right angle control, speed control, focus and aperture adjustment, support preset points, track and cruise functions. Support expert mode (3D positioning, auxiliary focus, lens initialization, lights, wipers, manual tracking, menu, one-key cruise, one-key watch, lens deicing, manual face capture, synchronous field of view, regional focus, regional exposure, deployment tracking, PTZ deicing and other functions) ;
- *Patrol function: Patrol supports patrol plan setting, multi-window patrol and single-window patrol functions. The patrol plan can set the content, name, and patrol time of the patrol plan, and can control the start, tentative, and resume of the patrol plan;
- *Preview interface tools: Preview interface tools include three categories: general equipment tools, special equipment tools and more functions. General equipment tools include: capture, recording, voice transcription, electronic zoom, instant playback, and bitstream; special equipment tools include: fisheye, intelligent tracking, fire point frame, PTZ projection, click temperature measurement, alarm elimination, linkage access control point, display shielding area, display exhaust information, lock operation, and alarm output control; more functions include: stop preview, capture, other capture, start recording, enable window PTZ control, enable electronic zoom, switch to instant playback, fire point information, display shielding area, display exhaust information, close intelligent rules, bitstream, start intercom, start IP channel intercom, turn on sound, monitoring point status, time calibration, turn on temperature measurement display, fisheye expansion, start ball camera linkage, and full screen;



- *Video playback: supports synchronous and asynchronous playback of code stream information, volume control, multi-monitoring point download, single-frame reverse playback, single-frame play, reverse playback, pause/start, deceleration/acceleration, close all, split, full screen, configuration, screening, editing, human body/vehicle;
- *Event playback: supports playback of events, with two modes: video search and image search;
- *Video retrieval: Supports video retrieval by time, event type, and tag. The retrieved videos support playback, detail viewing, and export functions;
- *Face search: supports face search by event type, image search, name search and face attribute search. The searched videos support playback, detail viewing, export, image search and adding to face library.
- *Human body search: Image search based on target capture events, and can play 5 seconds of video before and after the searched image, supporting search by image and person attributes;
- *Abnormal behavior recognition: Abnormal behavior recognition mainly analyzes people's related behaviors. The client retrieves and displays pictures from the device by retrieving the specified behavior. It also supports functions such as searching and viewing related pictures and playing their video files. It is mainly used in important environments such as schools, industrial parks, and streets where real-time supervision is not possible due to limited supervision personnel.
- *Vehicle detection: The vehicle search function can search for vehicles, license plates, and traffic violations that meet the conditions according to the set condition information; if the device has configured events and linked snapshots or videos, when an event occurs, it will trigger the device to capture or record, and store it locally. When searching for targets through the client, the images or videos on the device can be displayed on the client according to the conditions, which is convenient for viewing and evidence collection.
- *Personnel frequency retrieval: Personnel frequency refers to the number of times the same person appears within the monitoring range within a certain period of time. Personnel whose appearance frequency exceeds a certain threshold are called high-frequency personnel, and those whose appearance frequency is below a certain threshold are called low-frequency personnel. The client supports high-frequency personnel retrieval and low-frequency personnel retrieval, which can meet security needs in various scenarios;
- *AI open platform search: supports searching configured video and image tasks. By setting search conditions, you can search for the analysis results of device-side video or image tasks, making it easier to view detailed task information.
- *Passenger flow statistics: The number of people entering or leaving a certain entrance or exit within a certain period of time can be calculated through cameras that support passenger flow statistics or abnormal behavior recognition servers. Passenger flow statistics are often used in places with large traffic such as shopping malls, supermarkets, exhibition halls, and passenger stations. They can provide users with more valuable passenger flow data for business decision-making or scheduling, etc.
- *Intersection analysis: used to monitor the movement direction of the crowd, and to collect statistics on the flow data in each direction, and to present the target movement direction and flow data in a graphical manner. It is mainly used in places with high traffic density such as traffic intersections, to statistically analyze the load status of the intersection and the flow trend of the crowd, so as to effectively guide the crowd and alleviate the overcrowding of the intersection;
- *Regional population counting: refers to counting the number of people staying in a single or multiple areas. The monitoring range of the monitoring point can be divided into multiple areas, and the number of people in each area can be monitored through the monitoring point. It is often used in scenes such as counters, windows, and cashiers. According to the analysis results, the number of windows, service personnel, manual guidance, etc. are adjusted to maintain normal order and avoid overload of people;
- *Waiting time statistics: The waiting time in a single or multiple areas can be counted. When the waiting time exceeds the threshold set by the monitoring device, an alarm will be generated.
- *Heat map: A chart that uses intelligent analysis technology to display the personnel data (including traffic flow and length of stay) of each location within the monitoring range in color or curves. The spatial heat map displays in color, and the temporal heat map displays in curves. The spatial heat map focuses on the differences in personnel data at each location within the monitoring range, and can intuitively present the differences in traffic flow or length of stay of each location; the temporal heat map focuses on the trend of personnel data within the monitoring range over time, and can intuitively present the peak hours of traffic flow or length of stay;
- *Epidemic prevention and control: used to calculate the total number of people in the monitoring area and the number of people with abnormal body temperature and without wearing masks. It can provide daily, weekly, and monthly statistical reports on the number of people with abnormal body temperature and without wearing masks. By comparing the daily/weekly/monthly statistical reports, it helps to timely understand whether the number of people with abnormal body temperature and without wearing masks is increasing or decreasing, so as to adjust the supervision intensity of epidemic prevention and control;
- *Event Center: When an event occurs, the client will receive event information. Through the event center module, you can view real-time events, query historical events, process events, etc., to achieve event monitoring and management, and ensure an orderly and safe monitoring environment;
- *Real-time events: View real-time event details (including event type, name, time, level, details, processing records, etc.), and support operations such as processing events, sending emails, and downloading event images;
- *Event query: supports searching historical events by time, device type, event type, etc., and processes or exports events;
- *Alarm host: can remotely control the subsystems, defense zones, relays and sirens of the alarm host. For example: arm, disarm, suppress alarms, associate defense zones, etc. of the subsystems, bypass, bypass recovery, check alarm status, power level, etc. of the defense zones associated with the subsystems, and control the switch status of relays and sirens;
- *Electronic map: supports operations such as adding maps, editing maps, setting virtual defense zones, frame selection alignment, base map configuration, modifying field of view, clearing configuration, frame selection operation, marking, measurement, alarm positioning, etc.



- *Topology management: Display the acquired device list in the form of a topology diagram, mainly showing the hierarchical relationship between devices;
- *Broadcast console: supports volume adjustment, task playback, emergency broadcast, real-time shouting, audio playback, and text notification functions;
- *Scheduled broadcast: add scheduled broadcast tasks and play broadcasts by date or week;
- *Material library: supports uploading audio materials, grouping materials, and auditioning audio. Materials can be used for real-time broadcasting and scheduled broadcasting;
- *Device management: support adding devices, searching online devices, firmware upgrades, obtaining device events, device export functions, and device deletion functions;
- *Device grouping: supports adding groups, deleting groups, generating groups based on devices, importing, filtering, and searching; grouping content includes coding channels, tasks, alarm inputs, defense zones, access control points, alarm outputs, radars, audio inputs, and broadcast terminal content;
- *Video event configuration: supports monitoring point, alarm input, equipment, audio input event configuration, supports modifying priority, modifying linkage, enabling, and disabling functions;
- *Alarm event configuration: support modification of priority, modification of linkage, activation, and disabling functions;
- *Storage plan: supports recording plan configuration, snapshot plan configuration, and computer local storage configuration; plan template management includes all-day templates, workday templates, event templates, templates 01 to 08, edit plan recording, edit event recording, edit command trigger, delete, delete all, and copy to functions;
- *User management: support adding users, modifying user information, modifying passwords, modifying user permissions, and deleting users;
- *System configuration: supports common content configuration, preview and playback configuration, image configuration, event picture storage configuration, alarm sound configuration, file storage path configuration, toolbar configuration, mailbox configuration, and security authentication configuration;
- *System log: supports recording and searching of operation logs and system logs, as well as log backup functions.