Dahua Security Software Professional V8

Whether you have one security camera or one hundred security cameras, Dahua offers DSS Professional V8 to manage all your security devices from one central platform.

DSS Pro acts as an intelligent multiplier by providing security professionals the power to fully leverage their security system and make the most informed decision to increase efficiency and profitability.

Scalable	Reliable	Professional	Customizable

DSS Pro V8 has seven applications for managing your security system. **Monitoring Center** for live viewing and playback, **Event Center** for real-time and historical events; **DeepXplore** for data searching; **Access Management**, for access control, video intercom, visitor management, and attendance management; **Maintenance Center** for checking the health of the platform; **Parking Lot** for managing entrance and exit of vehicles; and **Intelligent Analysis** for business related needs.

DSS Professional can be used in various applications such as parks, chain stores, and logistics and scale to future needs. The software supports up to 2,000 channels, 1,000 doors and 400 TB storage capacity per server but can expand up to 20,000 channels and 4 PB storage capacity through a more distributed architecture.

For enterprise applications, its architecture supports hot standby and N + M redundancy enabling failover servers if the primary server goes offline. DSS Pro supports customized integration of other systems and devices such as SDK and API as well as ONVIF for integration with other 3rd party cameras on the market.
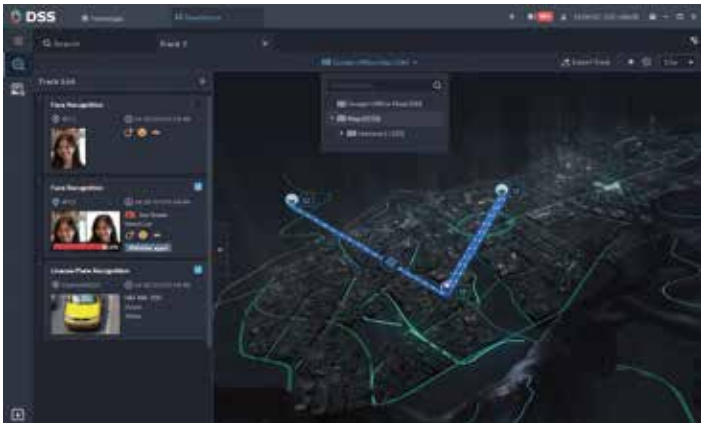
DeepXplore

DeepXplore offers intelligent search of human and vehicle targets based on time and location.

Storage Solution

The storage duration of each channel can be configured and securely encrypted for network transmission, storage, download, and export. The three-tier hierarchy lets administrators define different levels of access. DSS also offers central storage (IPSAN) to back up important recordings such as an alarm linkage alert or a backup recording after an event.

Activity Tracking

Activity tracking enables records to be searched based off certain event types such as face images and tracks them in chronological order.

Event Center

The Event Center provides an analytics dashboard for real-time and historical events; allowing operators to take immediate action to help speed up investigation.

Integrated Search

The integrated search function can archive people and vehicle entry and exit records, capture images of people, save driving records, and more.

Case Archive and Report

A case library can be created in a unified manner to manage case-related events, pictures, videos, documents, etc. DSS also allows for the generating and exporting system reports, including basic information, videos, pictures, and updated records.

Parking Lot

The parking lot module allows users to monitor, identify, and run reports for vehicles entering and exiting the property. A pop-up alarm is triggered when a flagged vehicle is identified. The module adopts advanced ANPR technology and integrates VTO into a vehicle management system.*

*Note: When purchasing the DSS8PRVEM vehicle entrance management module license for DSSPro V8, you must also purchase a video license at the same time.
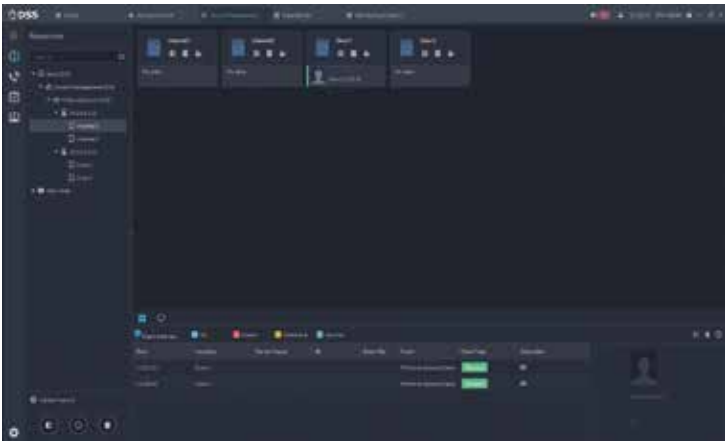
Monitoring Center

The DSS client provides multi-screen output for better situational awareness. It utilizes interface expansion on the right side to quickly respond to events. By dragging an event entry to any window, the related video automatically plays from 15 seconds before and after the event.
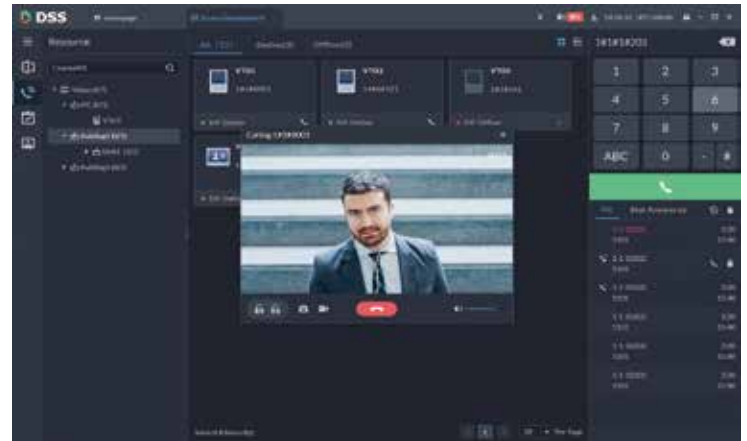

Maintenance Center

The Maintenance Center shows the status of equipment, channels, services, and sends automatic reports. Different colors help distinguish the abnormal status quickly. To help discover problems early, trends for the past seven days are displayed.
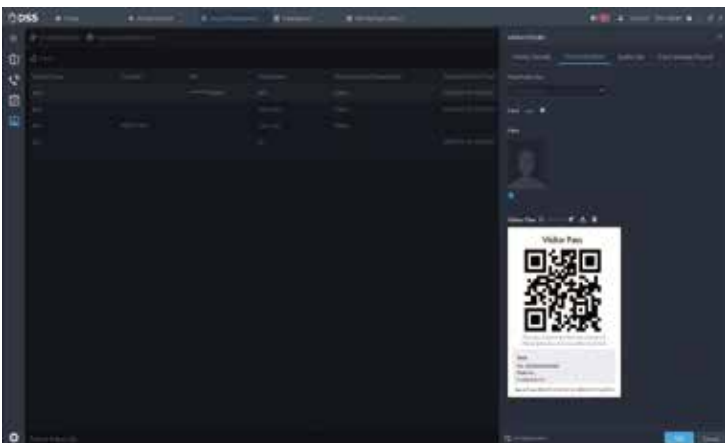
| Access Management

Manage the entry and exit of people in residential areas, parks and other scenes to improve automation and intelligence. It includes access control management, video intercoms, visitor management, and attendance management.
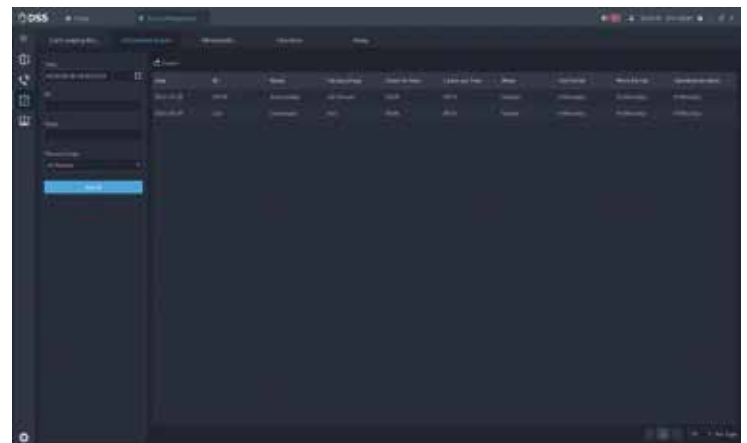

Access Control

Video Intercom

Visitor Management

Attendance Management

| Intelligent Analysis

Intelligent Analytics includes heat map, crowd gathering, and people counting statistics. Get actionable data with the optional POS license which provides even more insight to managing your business.

Retail Solution

The customized retail monitoring system can quickly count customer flow and facilitate the preview of store monitoring information. The module can also assist with analyzing customer data and security.

Auto-Registration

The Auto-Registration feature gives peace of mind by limiting hacking potential and allowing for unlimited camera connections.

Multi-Site

Managing multiple sites is easy with DSS Pro. Owners can manage multiple control centers and quickly switch between different service sites through the software.

Elevator Control

The elevator control can be integrated into the personnel management system, which can hierarchically manage personnel access permissions and make records.