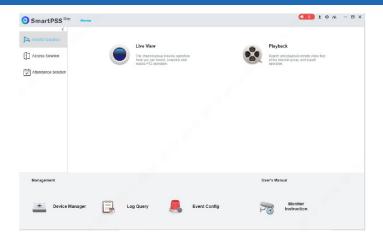**ahua** TECHNOLOGY

Smart Professional Surveillance System Lite

SmartPSS Lite

- Efficient Device Management
- Manage up to 64 Channels
- Manage Access Control and Attendance Devices
- Supports H.265 and H.264 Dual Video Compression Codecs

System Overview

The SmartPSS Lite Client Software is designed to configure and manage Dahua devices such as IP cameras, recorders (NVRs, XVRs), access control devices (ASIs, ASCs, ASRs), and attendance management devices (ASAs). It provides multiple functionalities, including live view, smart search and playback, receiving of multiple events and alarms, unified personnel management, multi-period attendance, first card unlock, multi-card unlock, anti-passback and inter-door lock.

Functions

Video

SmartPSS Lite offers settings to configure all aspects of a video wall application including layout, live preview, scheme configuration, and tour setup. In addition, the software supports remote control of selected devices to perform various actions such as talking to persons through the camera. In the event of an emergency, SmartPSS Lite allows for manual recording so users can save a particular part of a video for later reference.

Access Control

SmartPSS Lite offers full support and integration for access control products to support a complete security system. The server monitors door status and events, manages access rights, and support advanced rules management.

Attendance

SmartPSS Lite allows employers to manage the working hours, absences, and leave time of employees. The software can generate detailed time reports for employee appraisal and wage calculation.

Event

SmartPSS Lite enables the monitoring and processing of over 90 types of alarms. Users can choose from a selection of predefined alarm types or create custom alarms that can be manually triggered. The software also is capable of taking snapshots and sending notification emails when an alarm is triggered.

Software | SmartPSS Lite

Technical Specification

System Requirements

Operating System	Windows 7 (64 bit) Windows 8 (64 bit) Windows 10 (64 bit) Windows 11 (64 bit)
CPU	Intel® Core™ i5-6500 CPU@3.20GHz
Memory	8 GB
Storage Disk	256 GB
Monitor Resolution	1280 x 800 or Higher

Software Specifications

Language	English
Video Channels	64
Access Channels	64 (Time Attendance and Doors)
Number of People	1,000
Cards	5,000
Finger Prints	3,000
Face Pictures	2,000
Device Type	Network Cameras (Including Fixed-focal, Vari-focal and Fisheye), PTZ Cameras, Thermal Camera Network Recorders (NVR), HDCVI Recorders (XVR) Access Standalones (ASI), Access Controllers (ASC), Access Readers (ASR), Fingerprint Enrollment Readers (ASM), Time and Attendance Terminals (ASA)

Video Monitoring

Resolution	Resolution 8 MP, 4 MP, 3 MP, 1080p, 720p, D1
Decoding Capability	64-channel D1(720 × 576)(CPU: IIntel Core i5-6500@3.20GHz Memory: 8 GB)
Multi-screen Display	Arbitrary Split (Up to 64-channel Preview)
IVS Rule	Tripwire, Intrusion, Abandoned Object, Missing Object, Wander, Crowd Gathering Estimation, Fast-Moving, Illegal Parking, People Counting, Face Detection
IVS Object	Human, Vehicle
Multi-channel Playback	36-channel D1 (720 × 576)(CPU: Intel Core i5-6500@3.20GHz, Memory: 8 GB)
Recording Mode	General record, alarm record, motion detection record, intelligent record
Synchronous Playback	36
Downloading	100 tasks at a time

Access Control

Time Template	128
Time Period	4
Holiday Plan	16
Anti-passback Group	2
First Card Unlock Record	64
Multi Card Unlock Record	64
Inter-door Lock Record	64
Real-time Event Display	100

Attendance Management

Report Type	19 Types
Attendance Period	32
Attendance Shift	32
Shift Schedule	32
Holiday Management	Up to 32

Event

Intelligent	Tripwire, Intrusion, Scene Change, Abandoned Object, Missing Object, Wander, Crowd Gathering Estimation, Fast-Moving, Illegal Parking, Face Detection
Device	No Disk, Disk Fault, Disk Full, Invalid Access, Device Offline, Voltage Alarm(Low)
Alarm	Video Loss, Video Tampering, Motion Detect, SMD, Audio Abnormal, Mutation Detection, Defocus Detection, IPC Offline Intrusion Alarm, Illegal Intrusion Alarm, Reverse Intrusion Alarm, Door Unclosed Alarm, Duress Alarm, Blocklist Alarm, Alarm oof Excessive Use of Illegal Card, Alarm of Excessive Use of Illegal Password, Alarm of Excessive Use of Illegal Fingerprint, Stay Alarm, Climbing Alarm, Trailing Alarm, Failure Alarm Vandal-proof Alarm, Door Sensor Alarm, Heat Alarm, Duress Password Unlock Alarm, Infrared, Gas, Smoke Sensor, Urgency Button, Stolen Alarm, Perimeter Alarm