



NVMS Lite

Integrated Security Management Platform

NVMS Lite is a newly integrated security management platform released by TVT, featuring seamless access to all TVT's products and encoding devices of the famous manufacturers in the industry (like Hikvision, Dahua, etc.). With the powerful capability of video surveillance management, real-time preview, record storage, record playback, record download, alarm linkage, decoding on TV Wall and keyboard control are supported. Additionally, due to its small, exquisite, flexible and diverse deployment, NVMS Lite can meet various demands of small-sized projects and can be widely used in the video surveillance of industrial park, education, banking, chain stores, buildings and transportation.



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Features

Device Access

- Supports TVT private protocol, ONVIF protocol, GB/T28181, standard RTSP, SDK
- Supports adding devices by manually entering serial number, IP address, domain name or IP range, by auto search, or by auto report

Resource Management

- Supports channel (or camera) group management
- Supports device area management
- Supports centralized management of decoding and encoding devices

Device Configuration

- Supports the basic configuration and user management of the devices
- Supports the date, time and time zone, network, email and DDNS configuration of the devices
- Supports getting the information of the device's HDDs
- Supports multi-OSD setup of one channel
- Supports the camera's ROI, video mask and motion detection settings
- Supports intelligent analytics
- Supports the camera's resolution, frame rate, VBR/CBR, image quality, bitrate settings
- Supports the camera's brightness, contrast, saturation, hue, HLC, BLC, WDR, anti-flicker, defogging, AZ settings, etc.
- The stream settings of one camera can be quickly copied to other cameras
- The area, transfer server and storage server can be set for multiple devices at one time

User Management

- Supports multi-user talk
- Supports user MAC address binding
- Supports user lock
- Supports different users and permission
- Supports permission based on resources and operation

View

- Supports multi-screen display mode:
Supports 1/4/6/8/9/10/16/17/21/25/33/36/49/64/81/100 standard screen display mode;
Supports 2/4/6/7/9/12/16/24/36/48 widescreen display mode;
Supports customized screen display mode
- Supports corridor mode
- Supports fisheye mode
- Supports channel group sequence viewing
- Supports stream self-adaption and one-key stream switch
- Supports steam copy
- Supports multi-monitor display
- Supports instant playback.
- Supports decoding with hardware
- Supports OSD display

Two-way Talk

- Supports remote listening
- Supports two-way talk
- Supports 8K or 16K audio sampling rate
- Supports G.711 a-law, G.711 u-law, G.722.1, G.726, ACC, MP2L2, PCM

Record Storage

- Multiple storage types
- Schedule record, alarm linkage record, manual record
- Supports image and video storage

Record Playback And Record Backup

- Supports multi-channel simultaneous and asynchronous playback
- Supports multiple record source playback
- Supports multi-window playback
- Supports playback by channel, time slice, time, tag and event search
- Supports playback by frame, dragging the progress bar, fast forward or slow speed
- Supports record backup: manual backup, scheduled backup, backup by channel, time, tag and event search; supports cutting records and backup in the playback interface

PTZ Control

- 8 directions control, rotating speed adjustable (ranging from 1 ~ 8)
- Supports zoom in/out and focus+/-
- Supports preset, track and cruise calling and settings
- Supports PTZ protocol configuration
- Supports 3D control

Alarm

- Supports multiple alarm types:
Motion alarm, sensor alarm, etc
- Supports multiple alarm linkages:
Platform recording, client message pop-up, client preview, audio, decoding on TV Wall, snapshot and so on
- Supports arming or disarming
- Supports self-defined alarm audio

Decoding On TV Wall

- Supports working with decoders or decoding matrix to control multiple video walls
- Supports 8MP/5MP/4MP/3MP/1080P/720P
- Supports decoding on TV wall in the audio format of G.722, G.711A, G.711U or ACC
- Support live view and playback on TV wall
- Supports 1/4/9/16/25/36 screen mode
- Supports window merging and splitting, opening window and roaming
- Supports multiple splicing modes: 1x1, 1x2, 2x1, 2x2, 3x1, 3x2, 3x3, 4x1, 4x2, 4x3, 4x4, 4x5, 4x6, 4x7, 4x8
- Supports picture-in-picture mode and roaming mode
- Up to 999 plans configurable
- Supports channel group and plan sequence view
- Plan task configurable
- Supports triggering decoding on TV wall; customized alarm window (unlimited)

Supports Snapshots

- Supports snapshots in the live view mode and playback mode
- Supports triggering snapshot

Image And Online Electronic Map

- Supports Baidu map and picture map. The picture map supports JPG, BMP, PNG and TIF formats
- Supports multi-level maps; adding, modifying, moving, deleting hot spots (monitoring points, sensors)
- Supports layer edition and display as well as self-defined layer
- Supports alarm linkage, like icon flickering, video pop-up

Others

- Supports keyboard control
- Supports overload protection
- Supports operation and maintenance management:
Operating, system and alarm logs can be searched and exported by time, type and user.
- Supports B/S client, C/S client and Android/iOS mobile APP

Specifications

Capability of Management	
Max. number of channel access	256 CH
Max. number of NVR access	16 NVRs
Max. decoding capability	24 CH
Max. number of screen display	100 CH, auto-switch supported
Max. number of plan view	20
Max. number of users	Up to 32 users

Recommended Configurations

Configuration	Recommended hardware configuration	Recommended system configuration
Minimum Requirements	Intel Core Processor I3-6100 3.7GHz or above /4GB DDR4 ECC / 120GB SSD / gigabit Ethernet port / NV GT430 or AMD HD6570 or above, 512MB GDDR5 or above (1GB GDDR5 for multiple monitors access) / 500GB SATA	Windows7 (32bit\64bit) or (32bit\64bit)flagship version /Windows8 (32bit\64bit) professional version / Windows10 (32bit\64bit) professional version
Recommended Configuration	CPU:I5-7400@3.00GHz/16G/NVIDIA GeForce GTX1060 6GB	Windows10 64bit

Application



School



Factory



Bank



Hospital

More

Networking Mode

