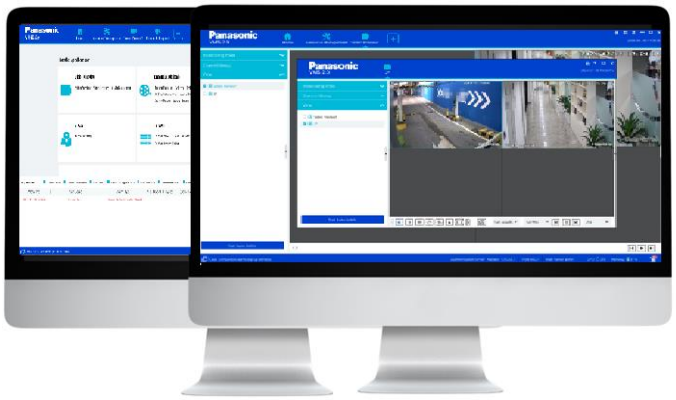
Panasonic

Panasonic VMS Lite

Panasonic VMS Lite is a newly introduced security management platform, providing seamless integration with Panasonic products.

It boosts robust video surveillance capabilities, including real-time preview, record storage, playback, downloading, alarm linkage, TV wall decoding, and keyboard control.

Its compact, versatile, and adaptable design makes it ideal for small-scale projects and suitable for video surveillance in various sectors such as education, transportation hubs, chain stores, building and banks.



Features

Device Access

- Supports Panasonic protocol, ONVIF protocol, standard RTSP, SDK.
- Supports adding devices by manually entering IP address, serial number, URL or IP range, by auto search.
- Setting up the IP address of the devices before adding to the network.

Resource Management

- Supports group management of cameras and NVR's.
- Supports centralized management of NVR's and cameras.

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 and bitrate settings.
- Supports the camera's brightness, contrast, saturation, hue, AZ settings, etc.
- The parameters of multiply devices can be set at one time.
- Supports configuring record plan for storage devices.

Data Dashboard

- Self-defining the desired display modules, including video.

Live View

- Supports multi-screen display mode: 1/2/3/4/6/8/9/10/13/16/117/21/25/33/36/49 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 channel group auto-switch.
- Supports stream self-adaption and one-key stream switch.
- Supports aspect ratio switch.
- Supports dual-monitor display.
- Supports instant playback.
- Supports decoding with hardware.
- Supports device's smart area and result display.
- Supports smart view mode.

Two-way Talk and Broadcast

- Supports remote audio streaming from Cameras.
- Supports two-way audio.
- Supports 8K or 16K audio sampling rate.
- Supports multiply audio formats: G.711 a-law, G.711 u-law.
- Supports voice broadcast for multiple cameras.

PTZ Control

- PTZ remote control, including preset, track and cruise calling and settings
- Supports zoom in/out and focus+/-
- Supports PTZ protocol configuration
- Support scheduled tasks and one-button cruise configurations.

User Management

- Supports user MAC address binding.
- Supports user lock.
- Supports different users and permission.
- Supports permission based on resources and operation.
- Permission can be assigned to each channel (or camera) of the device.
- Supports group management.

Snapshots

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

Decoding On TV Wall

- Supports working with decoders or decoding matrix to control multiple video walls.
- Supports12MP/ 8MP/5MP/4MP/3MP/1080P/720P.
- Supports decoding on TV wall in the audio format of G.711A, G.711U.
- Support live view and playback on TV wall.
- Supports 1/4/9/16/25/36 screen mode.
- 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 notification.

Alarm

- Supports multiple alarm types: Motion alarm, sensor alarm, smart event linkage alarm, line crossing counting linkage alarm, etc.
- Supports multiple alarm linkages:

  Platform recording, client message pop-up, client preview, audio, decoding on TV Wall, device recording, device snapshot, local recording, local snapshot and so on
- Supports arming or disarming.
- Supports SOP (alarm handling process) configuration.
- Supports alarm information export by time-period selection.
- Supports manual alarm output

Record Playback and Backup

- Supports multi-channel simultaneous and asynchronous playback.
- Supports multiple record source playback.
- Supports simultaneous playback of 16 cameras.
- Supports playback by channel, time slice, time, tag and event search.
- Supports one-key stream switch, aspect ratio switch.
- 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.
- Supports pre-alarm, post-alarm and offline record settings.

Others

- Supports overload protection.
- Supports operation and maintenance management.
- Operating, system and alarm logs can be searched and exported by time, type and user.
- Supports common function edition.
- Supports password protection and password retrieve by dynamic code.

Specifications

Capability of Management	
Max. Number of Channel Access	256CH
Max. Number of Device Access	64 DVRs/NVRs or 64 IPCs
Max. Number of Decoding Output	32
Max. Channel Number of Simultaneous Preview	256
Max. Channel Number of Simultaneous Playback	16
Max. Number of Views	Up to 64 view plans can be created
Max. number of users	64 users (1 online user supported)

Components

Integrated Server & Client	Panasonic VMS Lite

Recommended Configuration

Configuration	Recommended hardware configuration	Recommended system configuration
Recommended Configuration	CPU: I5-7400@3.00GHz / 16G / NVIDIA GTX1060 6GB	Windows10 64bit Windows11 64bit