Surveillance Manager

Application Introduction

TerraMaster

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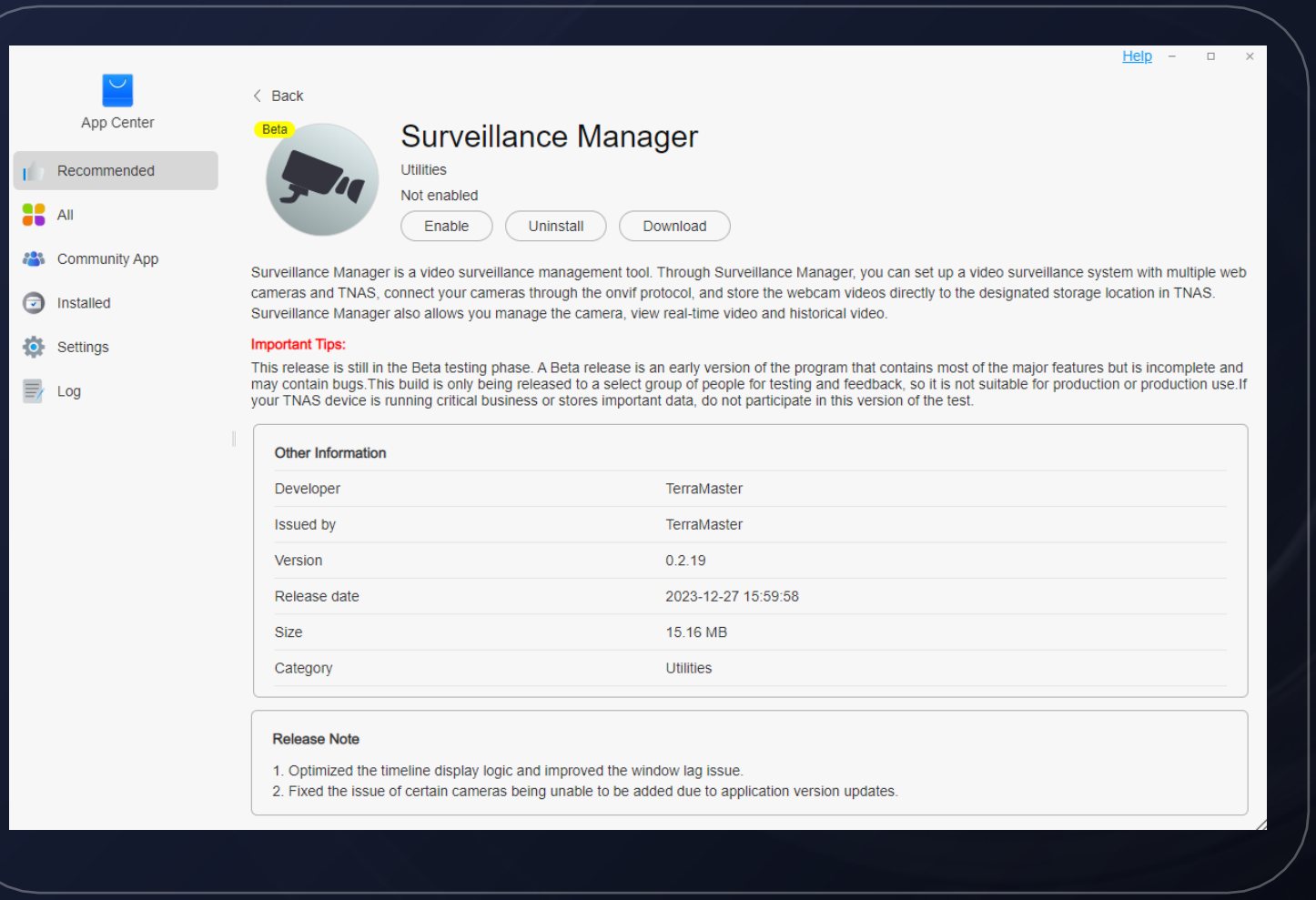
PART 01.

Overview

Introduction



Brief introduction

Surveillance Manager is a network video recording (NVR) management tool. Through Surveillance Manager, users can build a network camera management system for multiple network cameras and TNAS, and store the videos of network cameras in TNAS. Users can manage cameras, monitor real-time images and view historical videos by using Surveillance Manager.

Target users: Individual consumers and site administrators

Definition of Application

01 Conduct remote recording and real-time image monitoring of various webcams.

02 View the recorded files through a web browser.

03 Set the automatic camera recording plan according to different scenario requirements.

04 Detect suspicious behaviors and receive automatic alarm notice.

05 Store, search and view historical videos and trace the event logs.

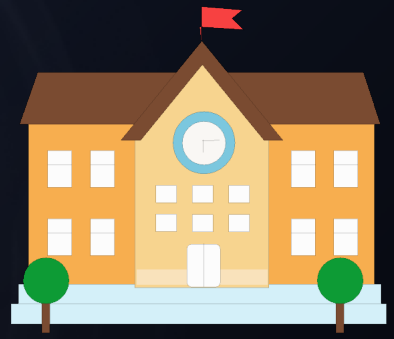
Business scenarios

Home security monitoring

Improve home security, prevent intrusion, protect personal properties, and monitor home state anytime and anywhere.

Security monitoring in offices

Protect the security of employees and company properties, prevent potential dangers such as theft and destruction, conduct real-time monitor and give an alarm in time.



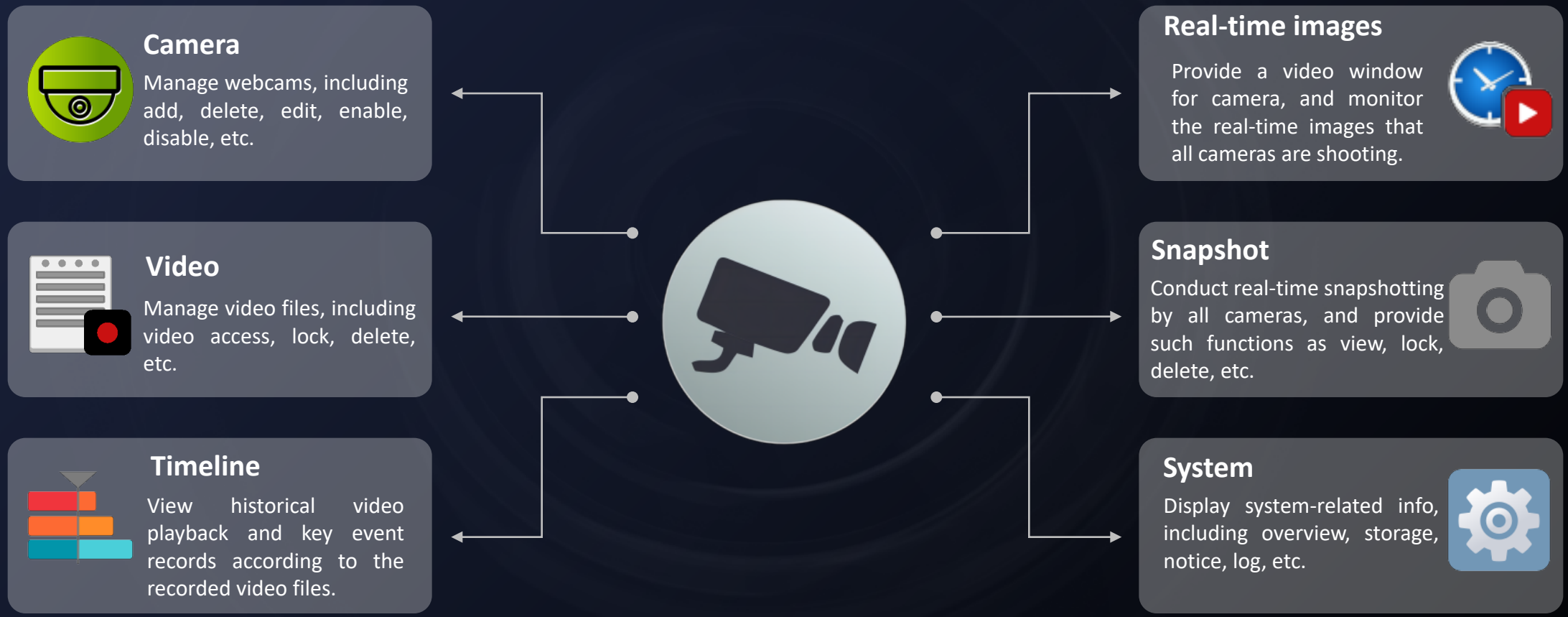
Security monitoring in public places

Prevent crime and maintain order, keep video evidence safely, and improve the management and security of places.

PART 03.

Functions

Function modules



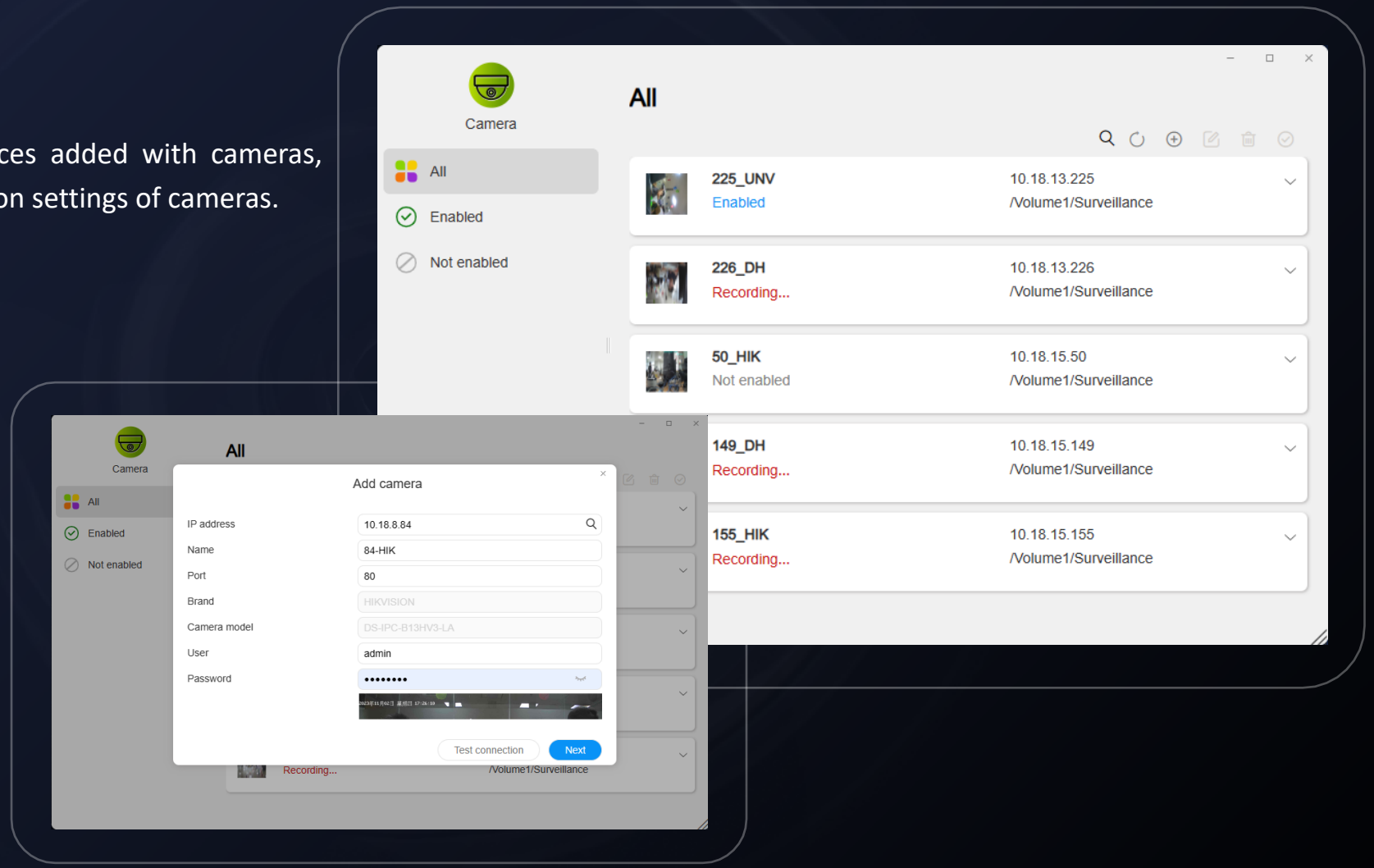
Camera

Function introduction

Display the information of the devices added with cameras, and manage working state and function settings of cameras.

Functions:

- Add
- Edit
- Delete
- Search
- Refresh
- Enable/disable



Maximum supported cameras

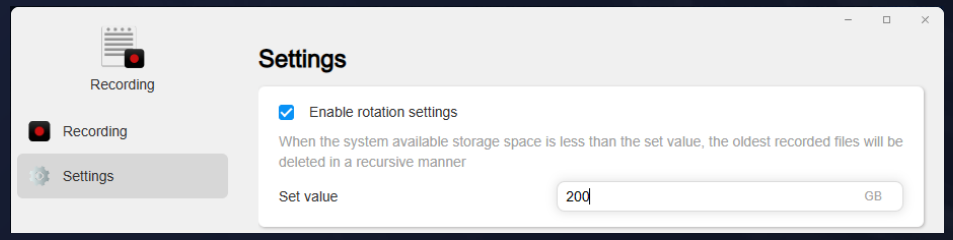
32 CHS

Video

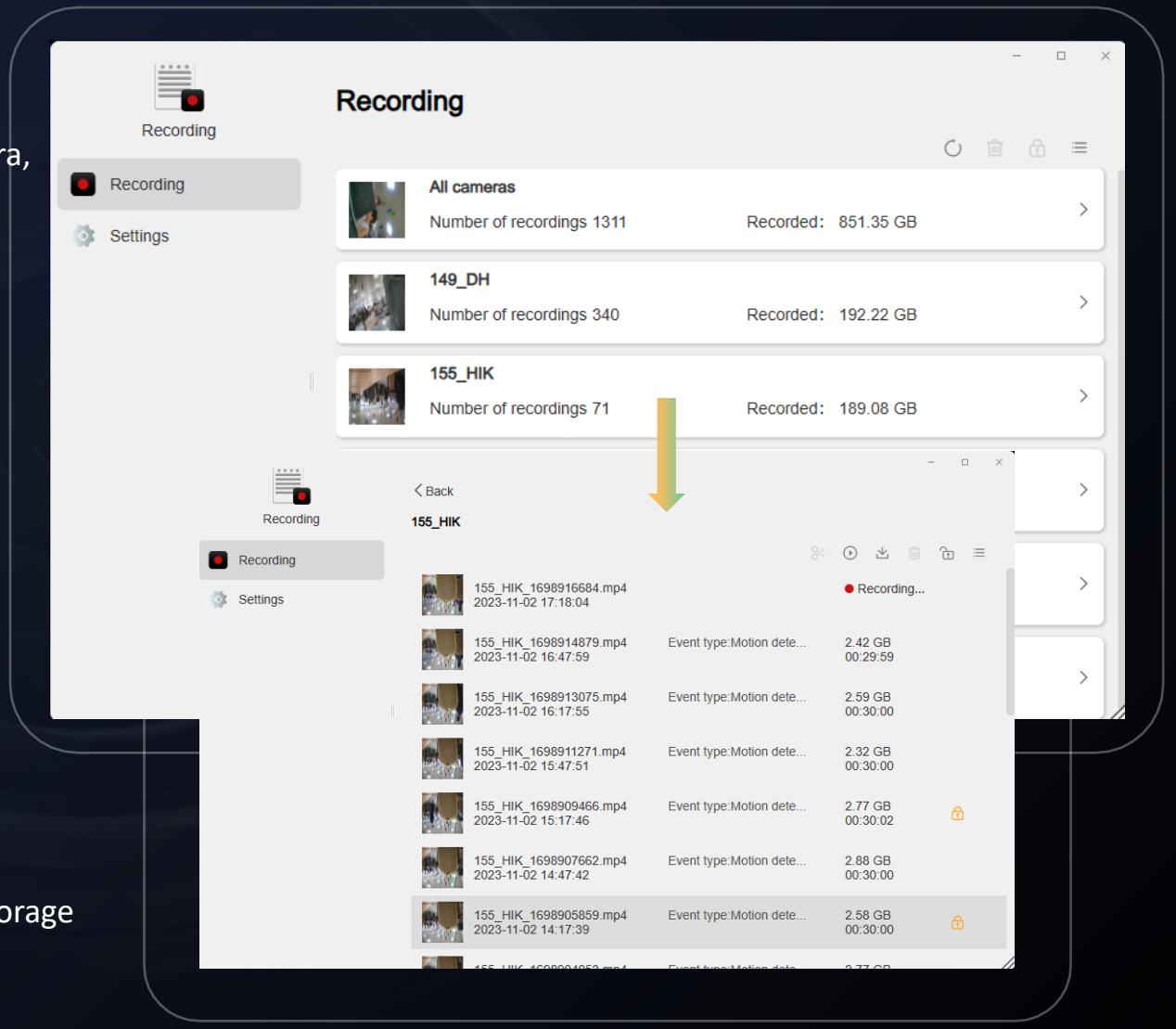
Function introduction

Turn on the recording function, store the video files of camera, and manage the folders and video files of all cameras.
Functions:

- Cutoff recording
- Play video
- Download video
- Folder/file - Delete
- Folder/file - Lock
- Folder/file - Display



Rotation setting: Prevent video files from occupying too much storage space in TNAS.

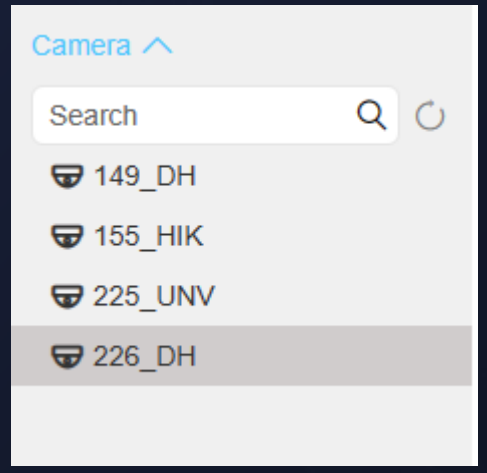


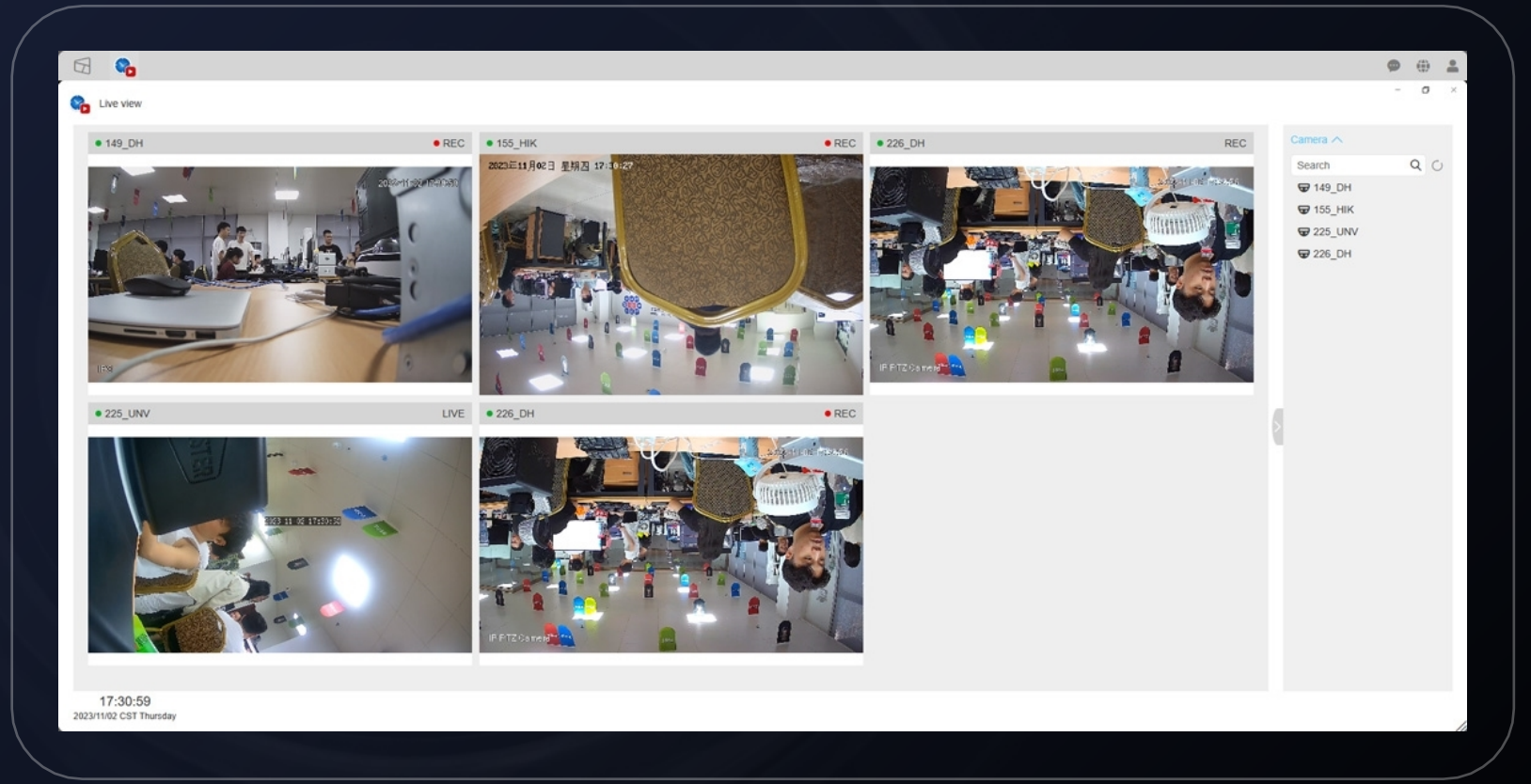
Real-time images

Function introduction

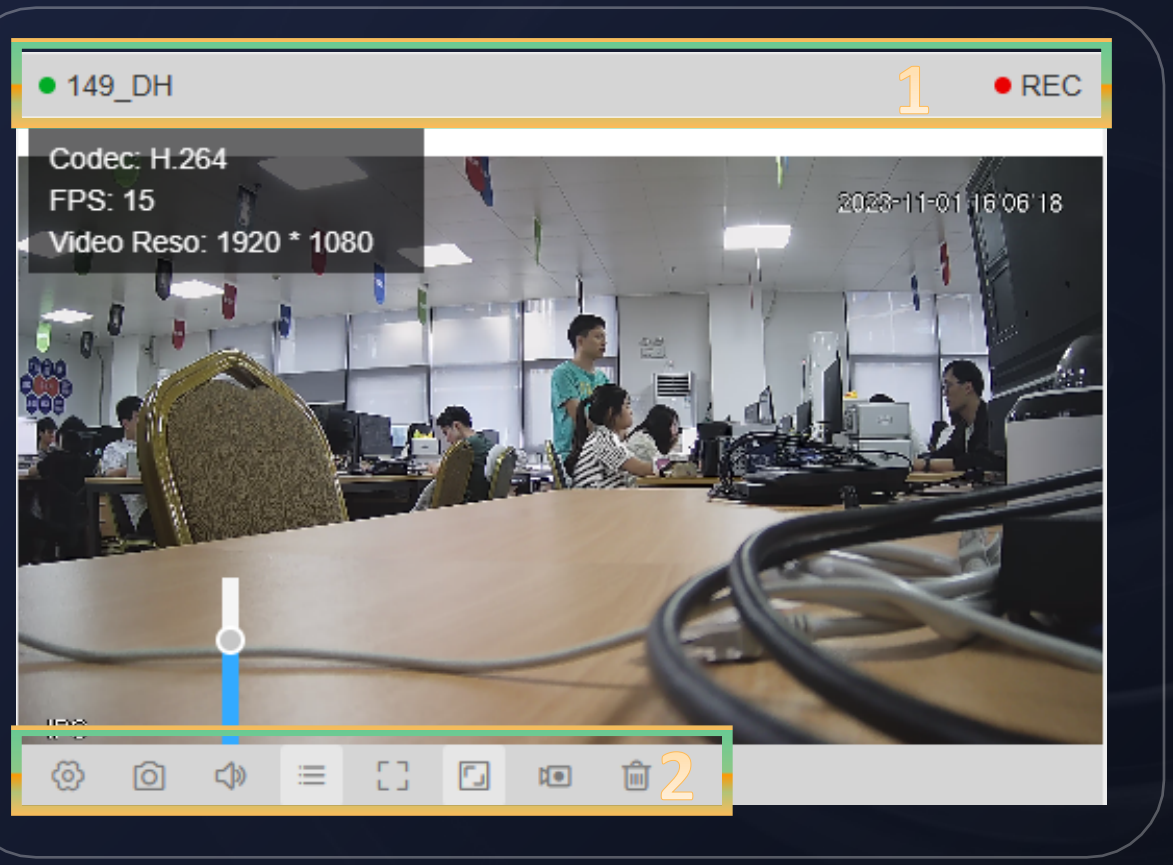
Provide users with an aggregation platform for monitoring all cameras, and observe the working state and images of cameras in real time.

Camera list





Real-time image-window



01. Camera state

- Green dot: The camera is working online
- REC: The camera is recording
- LIVE: The camera produces a real-time image and does not record the videos

02. Camera function

- Settings
- Snapshot
- Volume control
- Device information
- Full screen/window
- Fixed aspect ratio
- Manual recording
- Delete

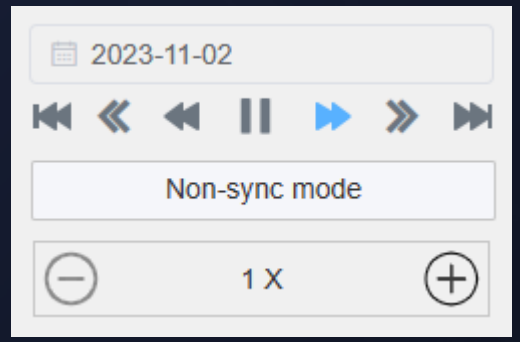
Timeline

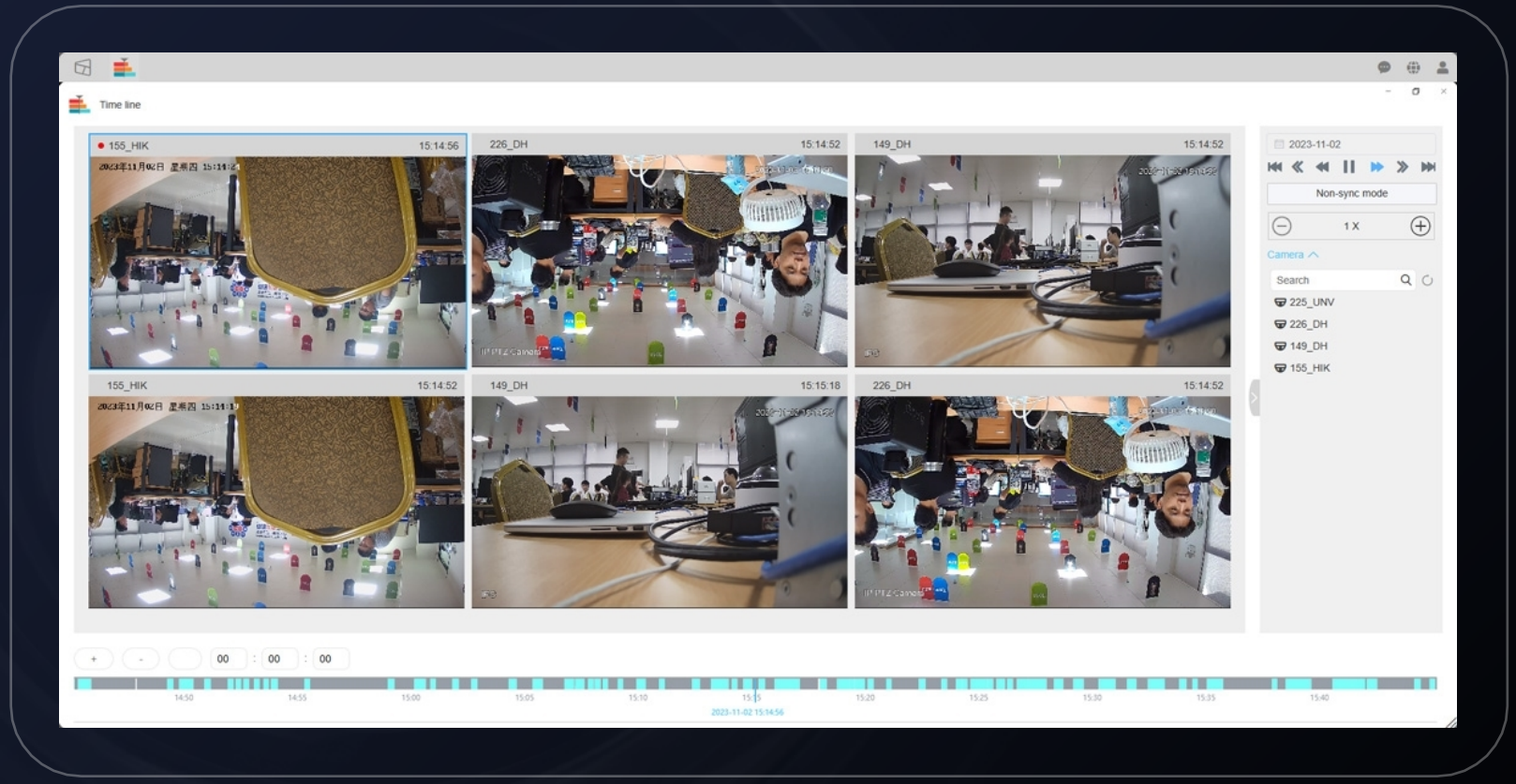
Function introduction

Provide users with the functions of video playback and event tracing, and view historical video playback and key event records according to the recorded video files.

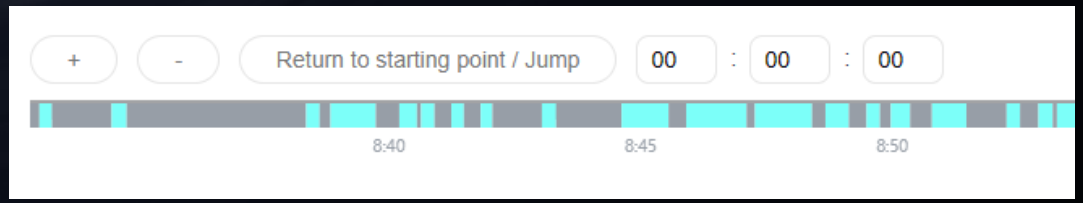
Date and play management

Video calendar, previous/next, playback/forward for 5s, play/pause, synchronous mode, and play speed





Timeline and event reminder

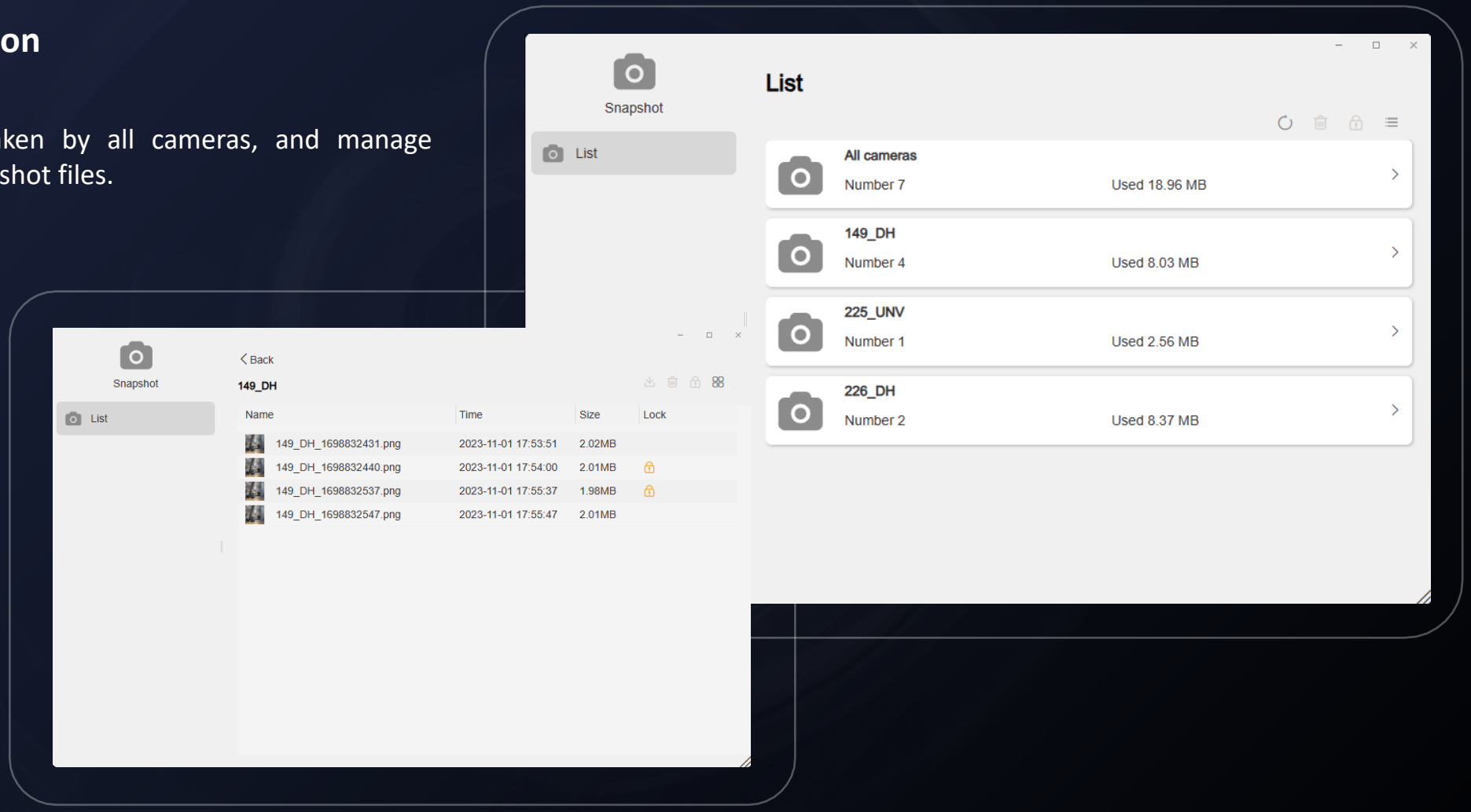


Snapshot

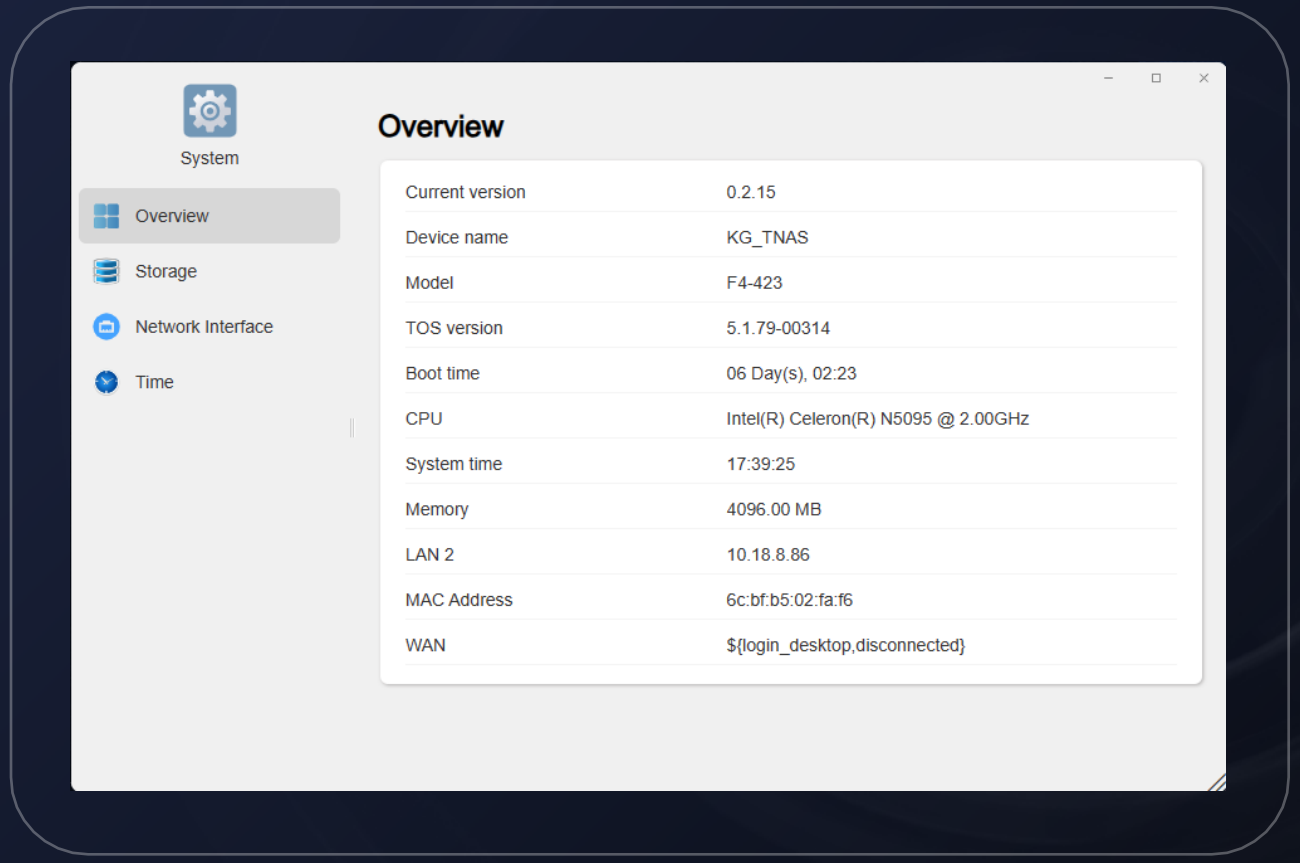
Function introduction

Store snapshot files taken by all cameras, and manage camera folders and snapshot files.
Functions:

- Download snapshot
- Folder/file - Delete
- Folder/file - Lock
- Folder/file - Display



System



Function introduction

Display system-related information, including system overview, storage state, network state, system event, notice, logs, etc.

Future plan

Log module: It is convenient for users to locate problems quickly and reduce the cost of repeated communication of customer service personnel.

Notice module: System desktop notice, device abnormality notice, event detection notice, storage alarm, etc.

PART 02.

Features

Advantages

Real-time

The monitoring management system can monitor the images taken by the camera in real time, provide real-time video monitoring, and help administrators learn about the situation in the monitoring area in time.

Centralization

The systematic management system can manage multiple cameras in a centralized way, monitor and manage in a unified manner, which is convenient for administrators to monitor multiple monitoring areas and operate the cameras.

Timeliness

The monitoring management system can set various alarm rules and thresholds. If the monitoring area is abnormal or exceeds the set threshold, the system will automatically send alarm information to the administrator to take timely measures to avoid incidents.

Expansibility

The monitoring management system can support multiple cameras to work simultaneously, increase or decrease the number of cameras according to the requirements of administrators, and meet the monitoring requirements in different scenarios.

Traceability

The monitoring management system can record and store the videos shot by the camera. The administrator can play back the video anytime to help investigate the incident and obtain the evidence.

Security

The monitoring management system can set permissions, and only authorized users can view the monitoring screen and store the recorded video files in TNAS to prevent data loss and disclosure and protect the security and privacy of administrators.

Characteristics

There are many camera brands and models in the market, and Surveillance Administrator cannot adapt to all cameras, so there will be cases where cameras cannot obtain images, sounds and event detection. We suggest users to buy cameras by referring to the recommendation list.

The standard ONVIF protocol is used for cameras, and internal private protocol is used for some brands such as Xiaomi and EZVIZ.

（G711、G726、AAC）
The camera needs to support the corresponding video coding format (H.264) and audio format (G711, G726, AAC).

The camera needs to support setting event trigger detection functions such as motion detection, audio detection, interference detection, etc.

Competitiveness

TNAS

- With TNAS storage, it features high degree of freedom in application space allocation.
- TNAS has a sound permission and access mechanism, so there is no need to worry about privacy disclosure.
- TNAS has a variety of backup modes to reduce the risk of video file loss.

NVR

- With built-in hard disk storage, it features low degree of freedom in space allocation and poor scalability.
- There is no authorized system, access mode is single, and security risk is big.
- There is no backup function, and hard disk damage and file loss cannot be retrieved.

Cloud storage

- With cloud network storage, extra fee is required for the space.
- It is a network storage mode, and there is a risk of privacy disclosure.
- If storage service is stopped, the data will be not protected anymore.

PART 04.

Q&A

Thank you

The End ◀◀◀