

Surveillance Manager Application Introduction





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PART 01. Overview



		<u>Help</u> – 🗆 ×											
\sim	< Back												
App Center	Surveillance Manager												
Recommended	Utilities												
All	Not enabled												
Community App													
Installed	Surveillance Manager is a video surveillance management tool. Through Surveillance Manager, you can set up a video surveillance system with multiple web cameras and TNAS, connect your cameras through the onvif protocol, and store the webcam videos directly to the designated storage location in TNAS. Surveillance Manager also allows you manage the camera, view real-time video and historical video. Important Tips:												
Settings													
Log This release is still in the Beta testing phase. A Beta release is an early version of the program that contains most of the major features but is may contain bugs. This build is only being released to a select group of people for testing and feedback, so it is not suitable for production or pyour TNAS device is running critical business or stores important data, do not participate in this version of the test.													
	Other Information												
	Developer TerraMaster												
	Issued by TerraMaster												
	Version 0.2.19												
	Release date 2023-12-27 15:59:58												
	Size 15.16 MB												
	Category Utilities												
	Release Note												

1. Optimized the timeline display logic and improved the window lag issue.

2. Fixed the issue of certain cameras being unable to be added due to application version updates.

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









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

Manage webcams, including add, delete, edit, enable, disable, etc.

Video

Manage video files, including video access, lock, delete, etc.

Timeline

View historical video playback and key event records according to the recorded video files.

Real-time images

Provide a video window for camera, and monitor the real-time images that all cameras are shooting.



Snapshot

Conduct real-time snapshotting by all cameras, and provide such functions as view, lock, delete, etc.



System

Display system-related info, including overview, storage, notice, log, etc.





– 🗆 🛛 0 All Camera Q () 🕀 🗹 🏛 📀 Display the information of the devices added with cameras, 🔒 All 225_UNV 10.18.13.225 and manage working state and function settings of cameras. Enabled /Volume1/Surveillance Enabled Functions: Not enabled 226_DH 10.18.13.226 Recording.. /Volume1/Surveillance Add • Search 10.18.15.50 50_HIK Not enabled /Volume1/Surveillance Edit • Refresh • Enable/disable Delete 149_DH 10.18.15.149 All /Volume1/Surveillance Camera Recording... Add camera 🔒 Ali Q IP address 10.18.8.84 Enabled 155_HIK 10.18.15.155 Name 84-HIK /Volume1/Surveillance Recording... Not enabled Port 80 Brand Maximum supported cameras Camera model User admin Password Test connection Next **32** CHS Recording... Volume1/Surveillance





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

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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





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









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Sustam	Overview	
System	Current version	0.2.15
Overview	Device name	KG_TNAS
Storage	Model	F4-423
Network Interface	TOS version	5.1.79-00314
Time	Boot time	06 Day(s), 02:23
	CPU	Intel(R) Celeron(R) N5095 @ 2.00GHz
	System time	17:39:25
	Memory	4096.00 MB
	LAN 2	10.18.8.86
	MAC Address	6c:bf:b5:02:fa:f6
	WAN	{login_desktop,disconnected}

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



Real-time

The monitoring management system can monitor the images taken by the camera in real time, provide realtime 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. **Unique Advantages**

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.



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.



NVR

With built-in hard disk storage, it features low degree of freedom in space allocation and poor scalability.





TNAS has a variety of backup modes to reduce the risk of video file loss.



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.



Thank you

