

NVR3000 Series Introduction

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NVR3000 Series Overview

- Support up to 8-bay SATA Hard Disk
- Support NAS/iSCSI expansion for large data storage
- Built-in RAID 1, 5, 6 for data protection
- Built-in Enterprise VMS with video analytics and active alarm system
- Support SurveOne, the exclusive web-based easy system management tool
- All-in-one desktop form factor, rack mountable design

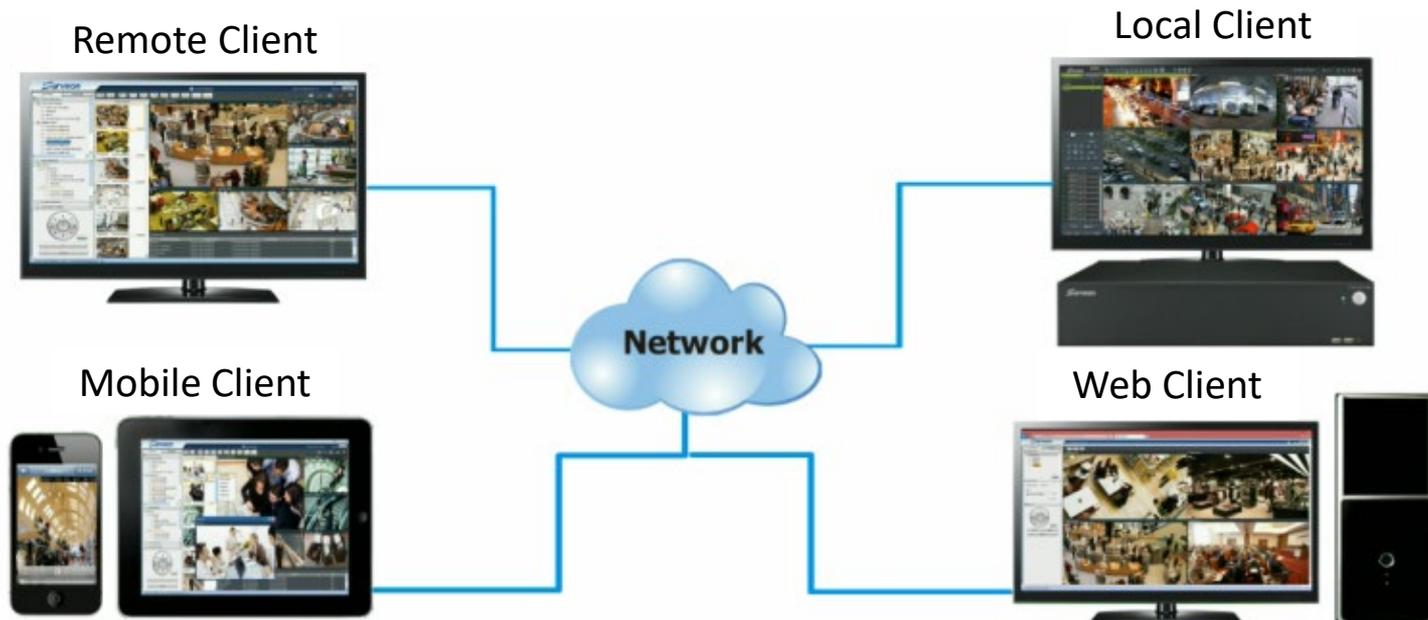


NVR3104 / NVR3308
Professional Megapixel NVR

Product Advantages

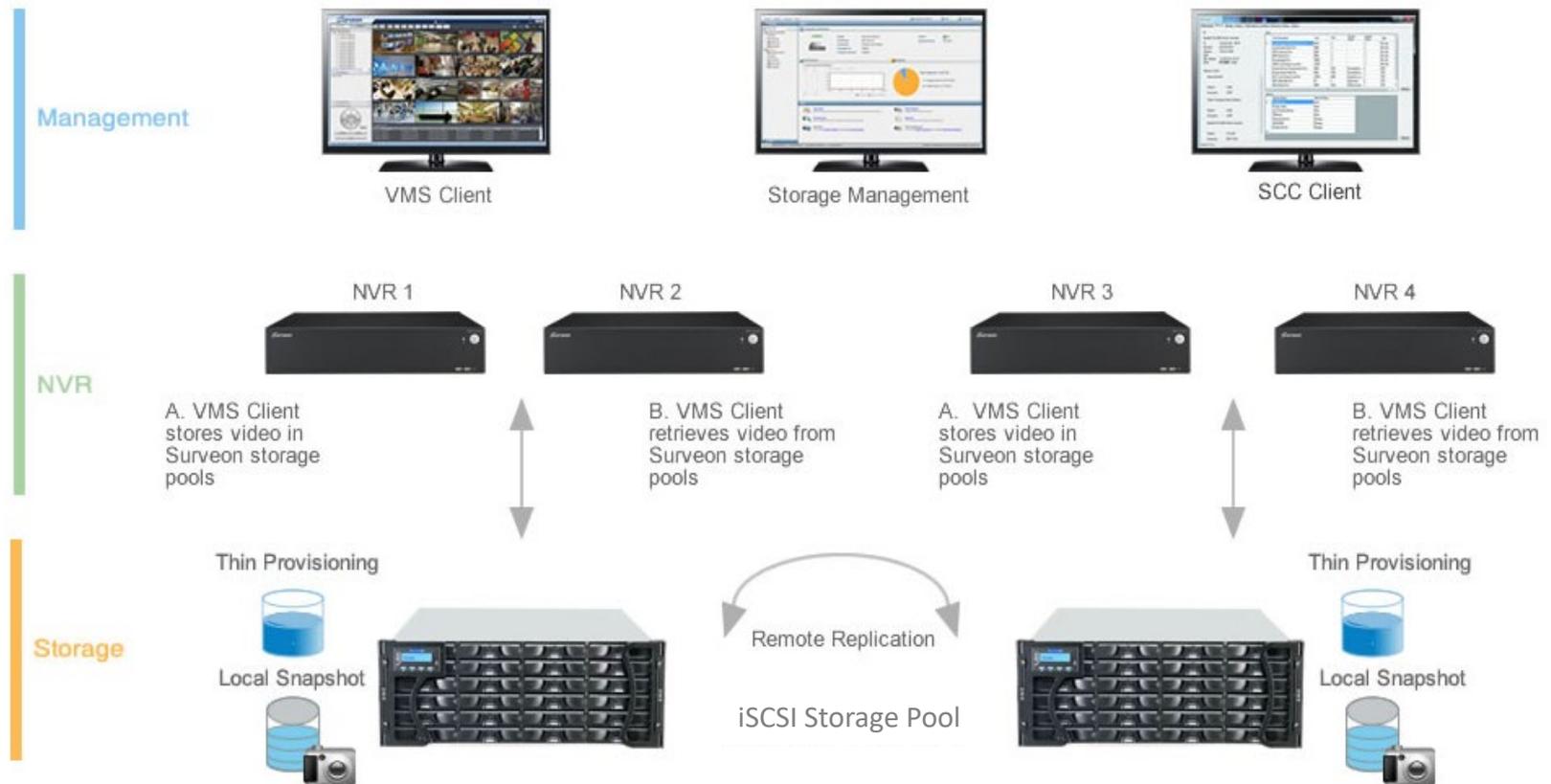
Usage Scenario

- Support different clients to easily access to surveillance videos
- Mobile client supports iOS/Android/Window platform



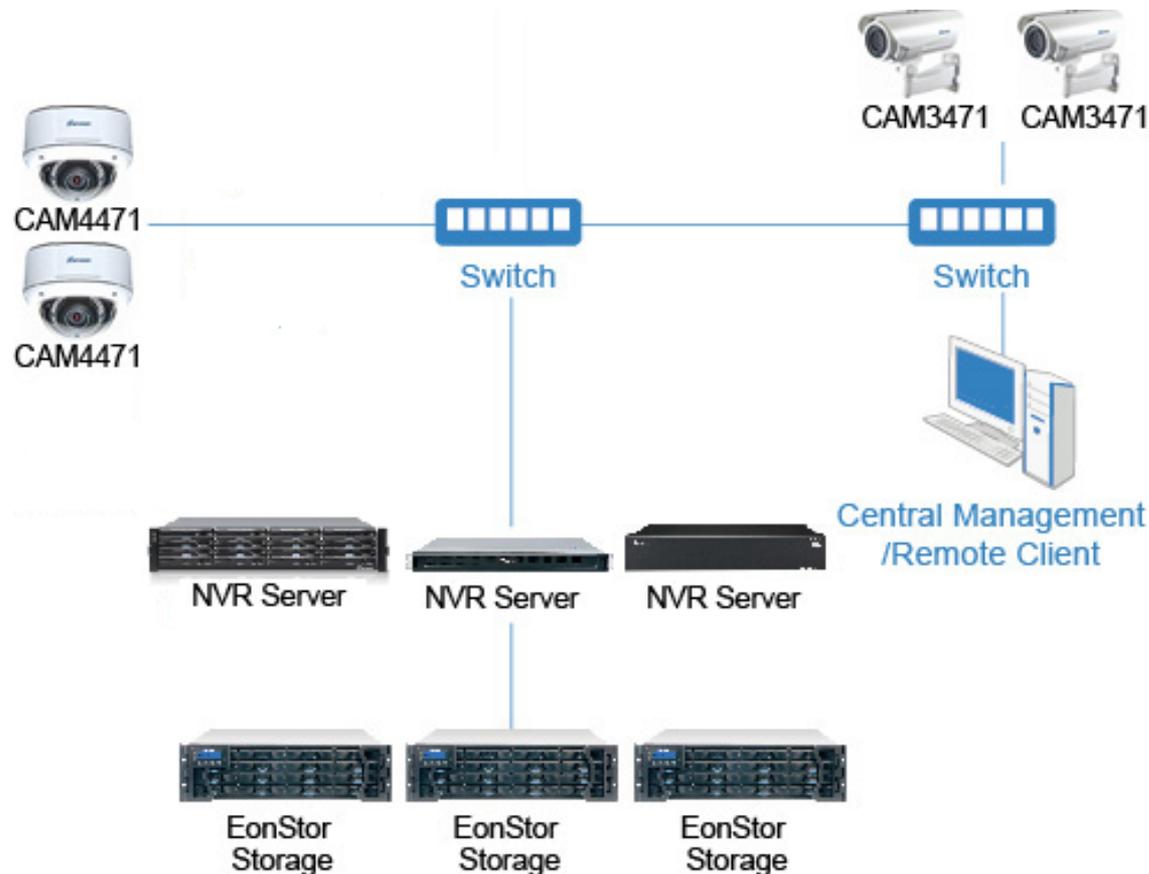
Network Storage Expansion

- Surveon VMS 3.1 can backup and archive the recorded video to iSCSI storage



Recording to iSCSI Storage

- Surveon VMS 3.1 can record on local disks and iSCSI storage to expand recording space



Solid Data Protection

- Built-in RAID 1, 5, 6 to provide volume mirror and storage capacity for data integrity and long retention period

RAID Level Comparison Table

RAID Level	Min. HDD	Storage Capacity	Data Protection
RAID 1	2	$\frac{1}{2}$ N HDD	Best
RAID 5	3	N-1 HDD	Medium
RAID 6	4	N-2 HDD	High

■ N is the HDD installed in NVR3000

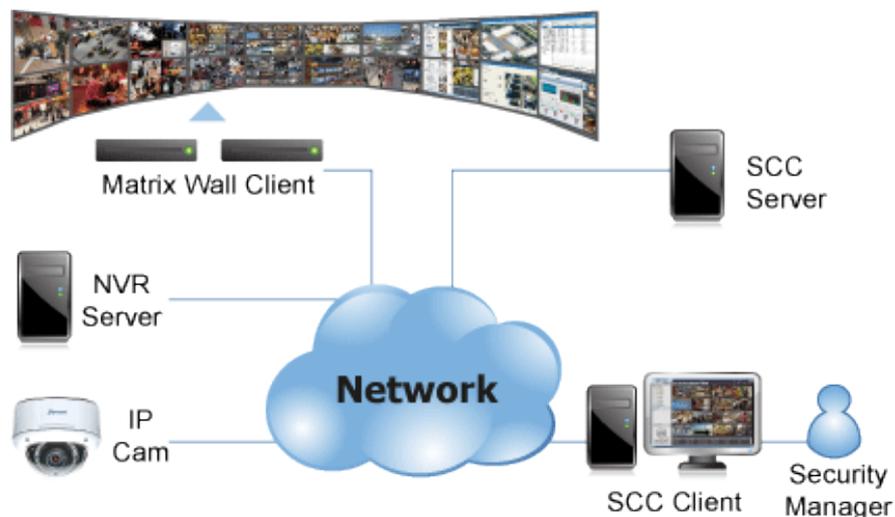
Enterprise Video Management

- Built-in video analytics and active alarm system for optimized surveillance
- Multi-access makes management simple and flexible
- Centralized management and TV wall matrix for large-scale projects

Advanced VI



Multi-Access & Centralized Management



Built-in Video Analytics

Access Detection

- Hotel reception areas
- Entrances of hospitals, residential areas



Virtual Wall

- Residential areas
- Surroundings of hotels campus, factories
- Important buildings



Restricted Zone

- No-parking zones
- Entrances of warehouses
- Important facilities



Virtual Fence

- High value products
- Important facilities, Properties
- Public objects



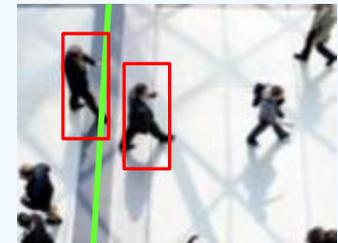
Tailgating Detection

- ATM areas
- Garages, parking lots
- Access controls



Counting

- People flows in stores
- Business VI integrations
- Warehouses
- Department stores



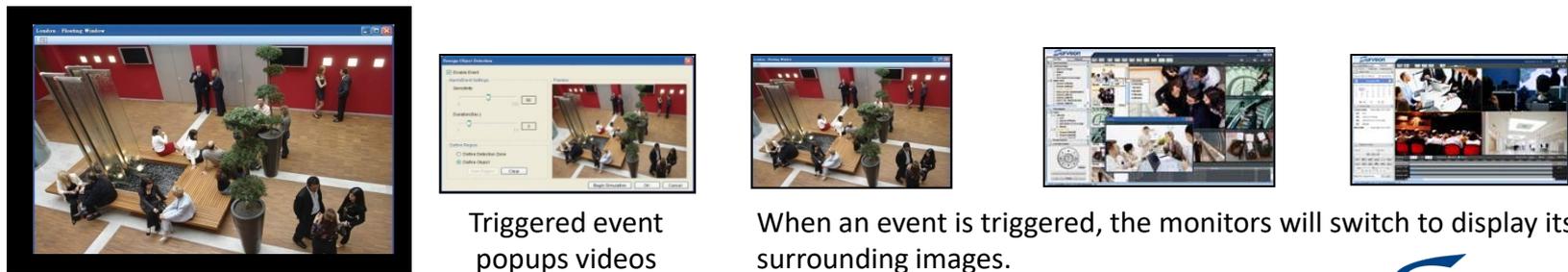
Active Alarm System

- Support VI notifications to ensure rapid and accurate decisions

Real-time VI Analytics & Notifications

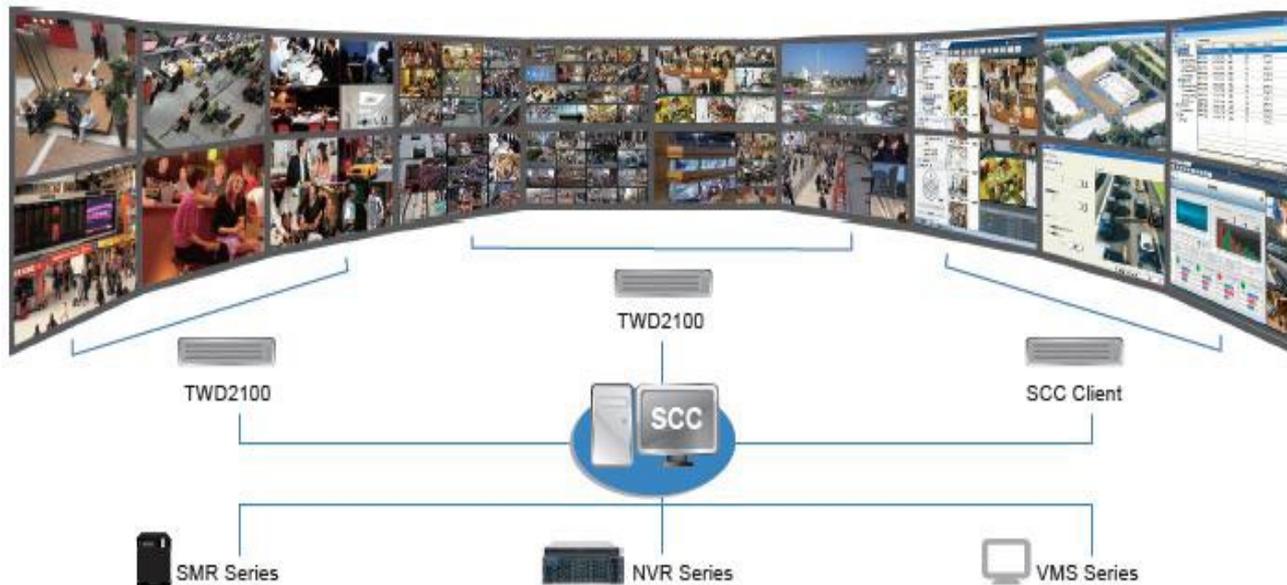


Real-time Event Notifications



Surveon Control Center (CMS)

- Scalable and powerful TV Wall solution
- Simultaneous live views of over 200 cameras from multiple NVRs
- Built-in CMS centralized management
- Direct matrix client panel to manage and live view TV matrix



SurveOne – Easy System Management

- An exclusive web-based management tool at no cost
 - NVR/camera real-time system status overview and monitoring
 - NVR/camera configuration copy, restore and backup
 - NVR/camera real-time event log information
 - Easy to check the status in a browser by using HTTP



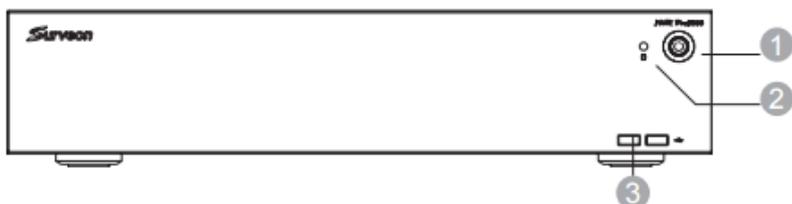
Technical Information

NVR3000 Series Models

	NVR3104	NVR3308	NVR3308A1
Position	Professional Megapixel NVR		
Form Factor	All-in-one Desktop		
CPU	Intel Dual Core	Intel Core i3	Intel Core i7
Channel	4 – 16 Full HD	16 – 32 Full HD	16 – 64 Full HD
Recording Throughput	96 Mbps	192 Mbps	384 Mbps
Max. VI	4	8	8
HDD	4	8	8
Storage Expansion	Yes (NAS/iSCSI)		
RAID	Non-RAID, 1, 5, 6		
I/O Interface	1x Gigabit Ethernet 6x USB2.0 1x VGA(DVI), 1x HDMI 1x DVI-D	2x Gigabit Ethernet 8x USB2.0 1x VGA, 1x HDMI	
Power Supply	250W		
Dimensions	88(H) x 430(W) x 390(D) mm		
Display	Dual Monitors		
Surveon Control Center (CMS)	Yes		
Operating System	Linux		
Warranty	2 Years		

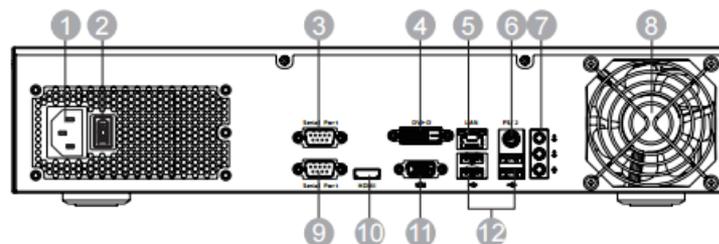
Hardware Overview

NVR3104 Front Panel



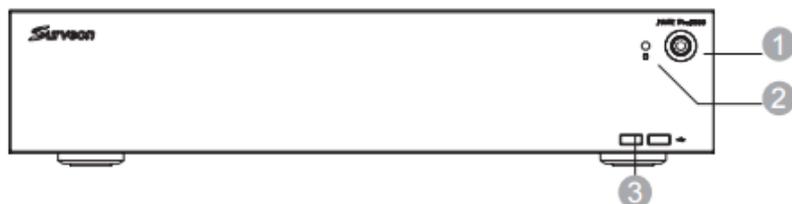
- ① Power Button
- ② HDD Status Indicator
- ③ USB Port x2

NVR3104 Rear Panel



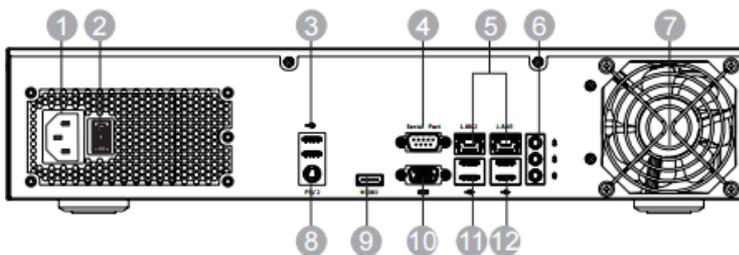
- ① Power Socket
- ② Power Switch
- ③ Serial Port
- ④ DVI-D Port
- ⑤ LAN Port
- ⑥ PS/2KB/MS Port
- ⑦ Line-In, Line-Out, Mic-In
- ⑧ Fans
- ⑨ Serial Port
- ⑩ HDMI Port
- ⑪ VGA Port
- ⑫ USB Port x4

NVR3308 Front Panel



- ① Power Button
- ② HDD Status Indicator
- ③ USB Port x2

NVR3308 Rear Panel



- ① Power Socket
- ② Power Switch
- ③ USB Port x2
- ④ Serial Port
- ⑤ LAN Port
- ⑥ Line-In, Line-Out, Mic-In
- ⑦ Fans
- ⑧ PS/2KB/MS Port
- ⑨ HDMI Port
- ⑩ VGA Port
- ⑪ USB Port x2
- ⑫ USB Port x2

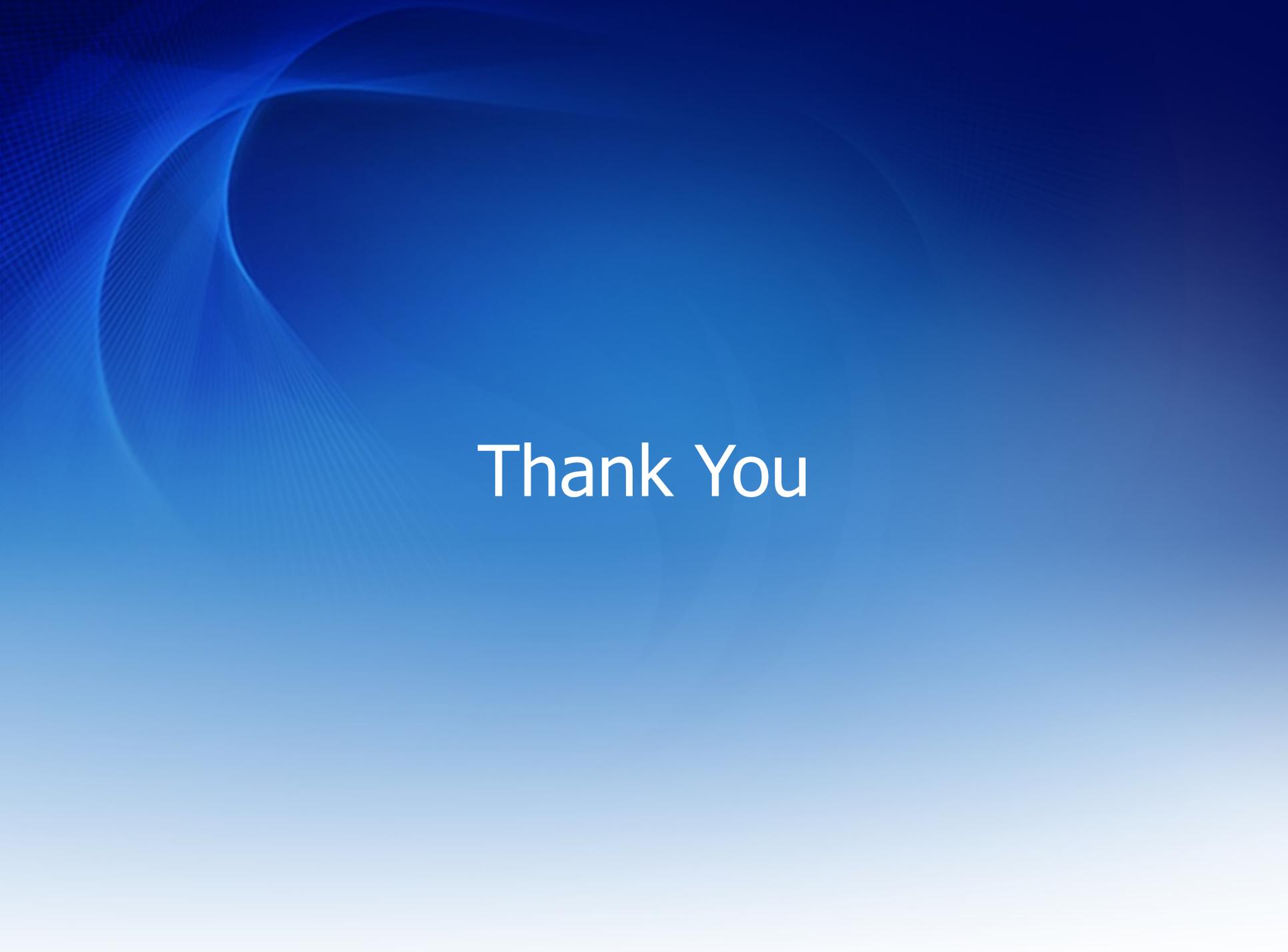
Camera Support Capability

- For models supported by NVR3000, visit [Surveon Support Camera List](#)



Ask Surveon

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The background is a gradient of blue, transitioning from a dark blue at the top to a lighter blue at the bottom. On the left side, there are several overlapping, flowing, and semi-transparent blue lines that create a sense of movement and depth, resembling a stylized wave or a series of overlapping loops.

Thank You