

# SMR Series Introduction

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- SMR Series Overview
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# SMR Series Overview

- Full HD resolution, maximum 64 channels
- Support hot-swappable hard disks with compact design
- Support NAS/iSCSI 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



SMR2110/ SMR 5110/ SMR 8300  
Tower NVR Series

# Product Advantages

# Hot-swappable Hard Disks

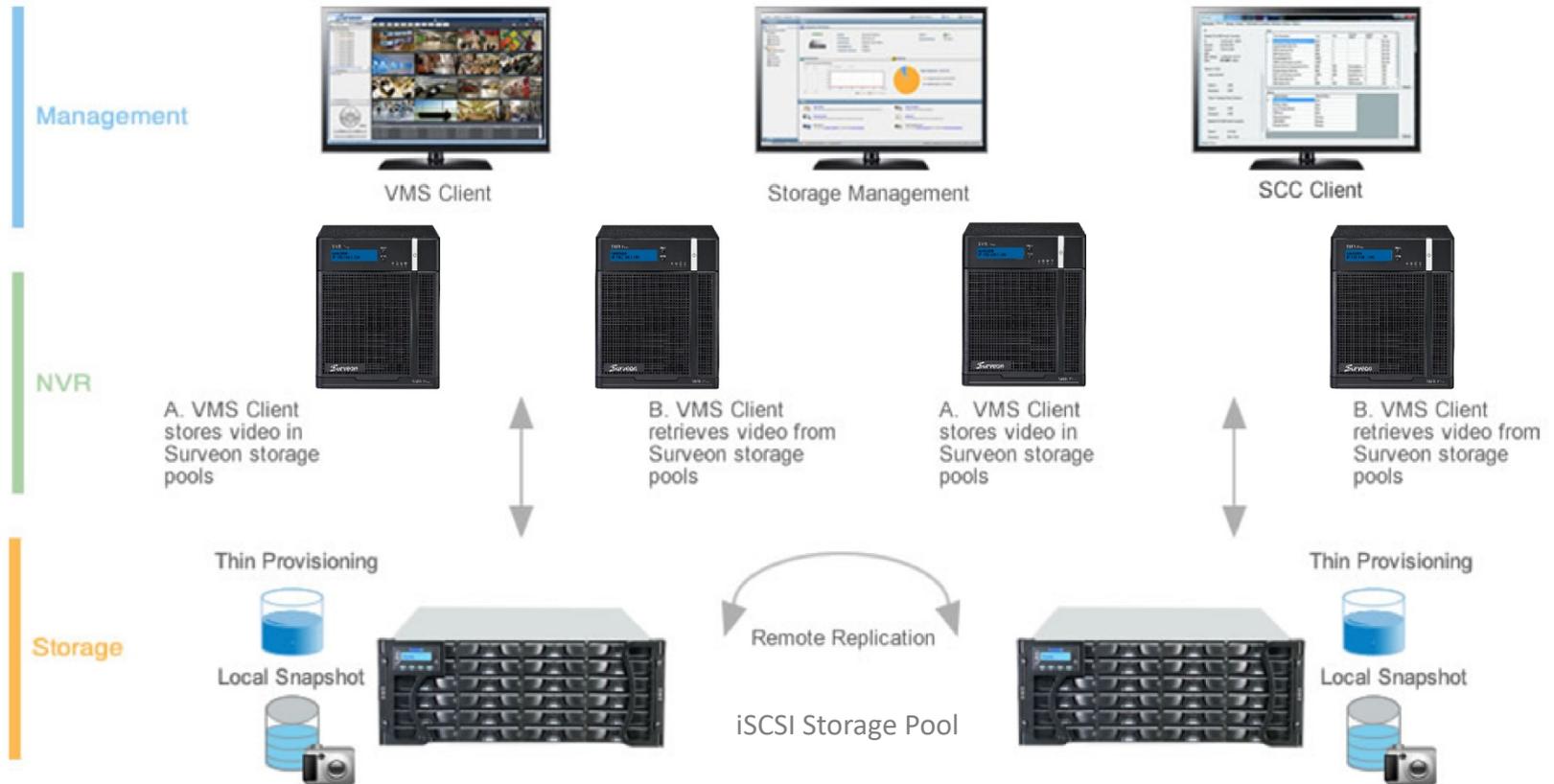
- Easy for disk replacement & maintenance
- Scalable with higher storage demand
- Able to carry around if necessary



SMR 8300 Tower NVR

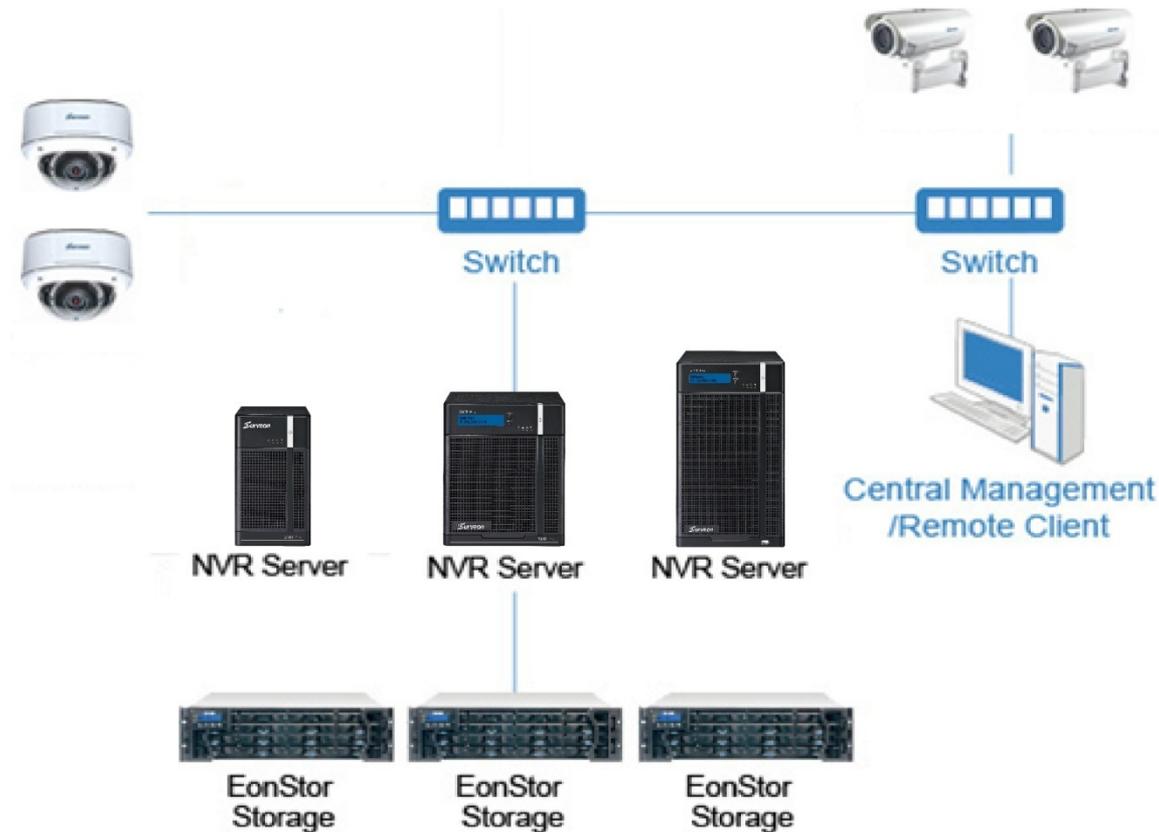
# Network Storage Expansion

- 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 SMR

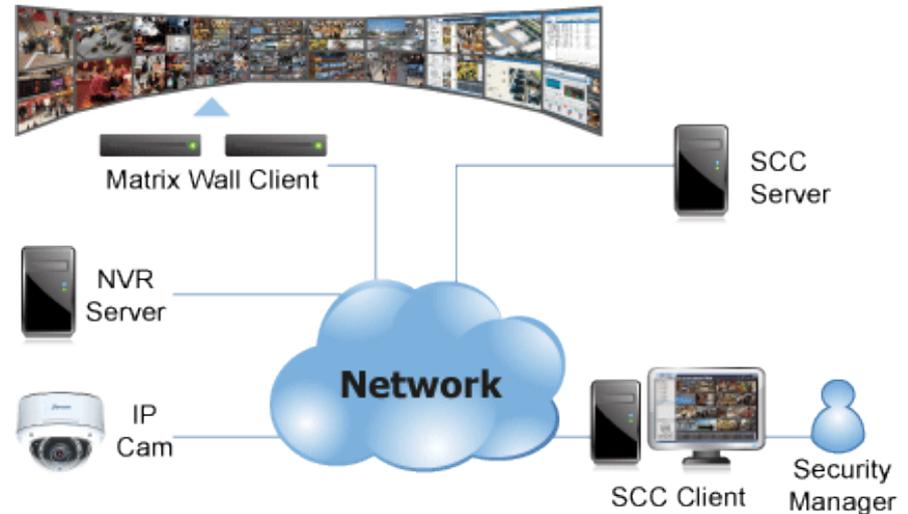
# Enterprise Video Management

- 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



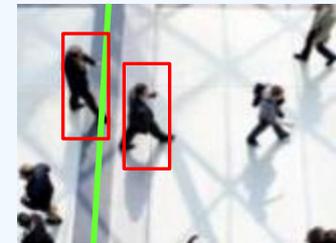
## Tailgating Detection

- ATM areas
- Garages, parking lots
- Access controls



## Counting

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



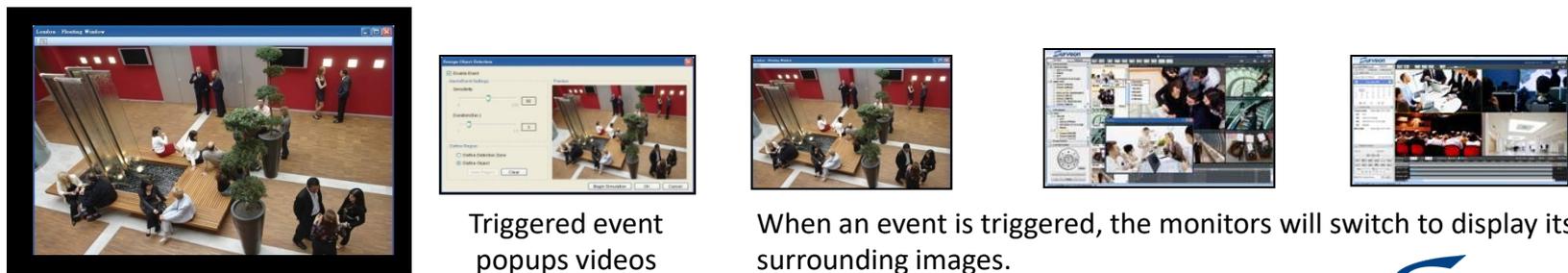
# Active Alarm System

- Support VI notifications to ensure rapid and accurate decisions

## Real-time VI Analytics & Notifications

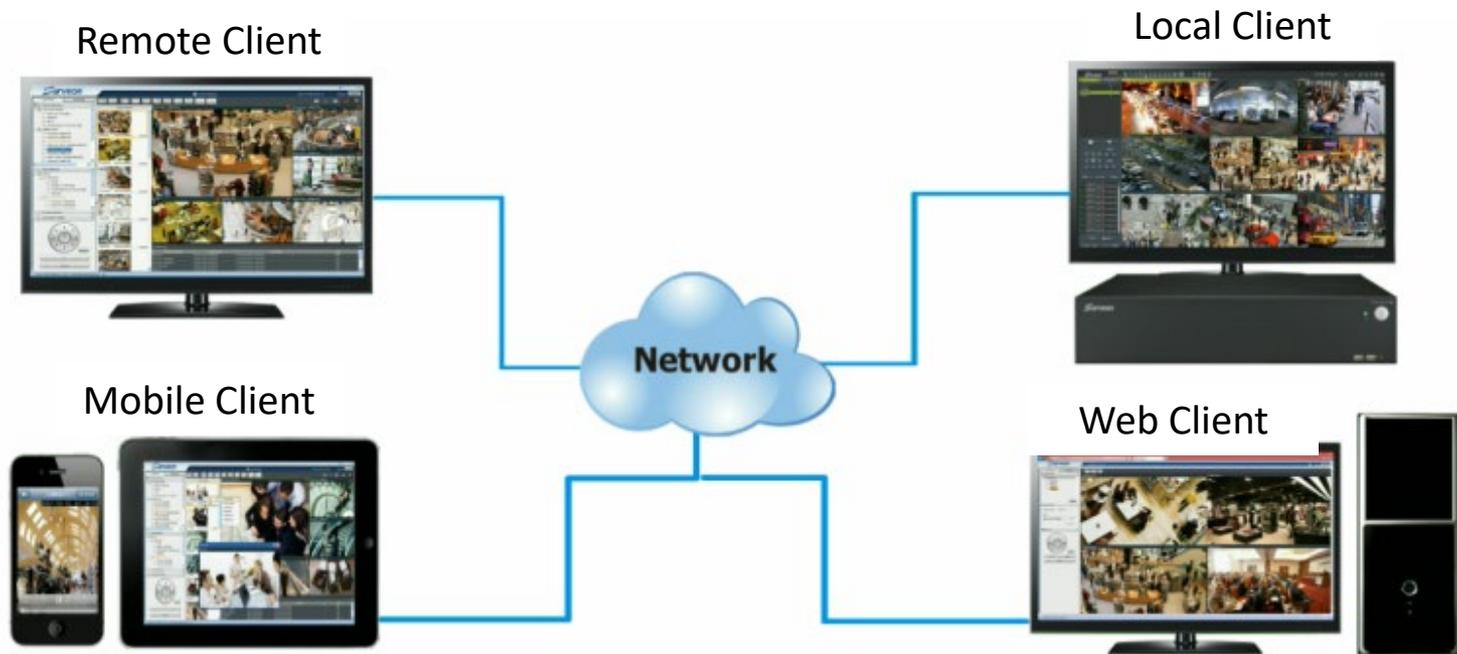


## Real-time Event Notifications



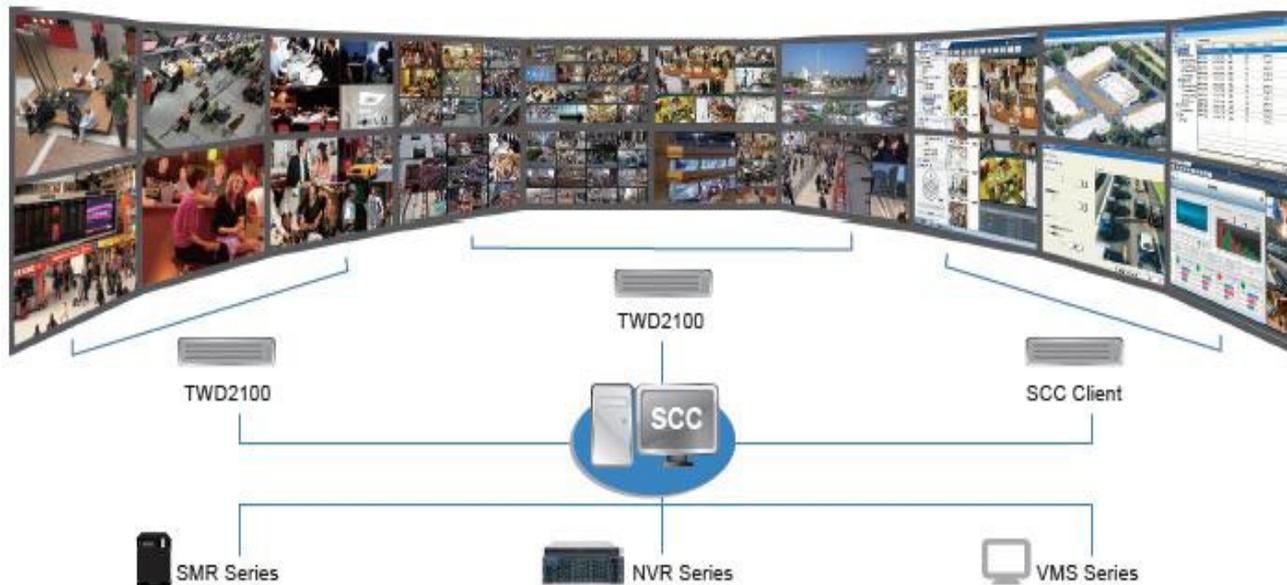
# Multi-Access for Easy Surveillance

- Support all clients live view, live audio, real time event alert, pan/tilt/zoom operations, digital I/O management , video Intelligence and more
- Mobile client supports iOS/Android/Window platform



# 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



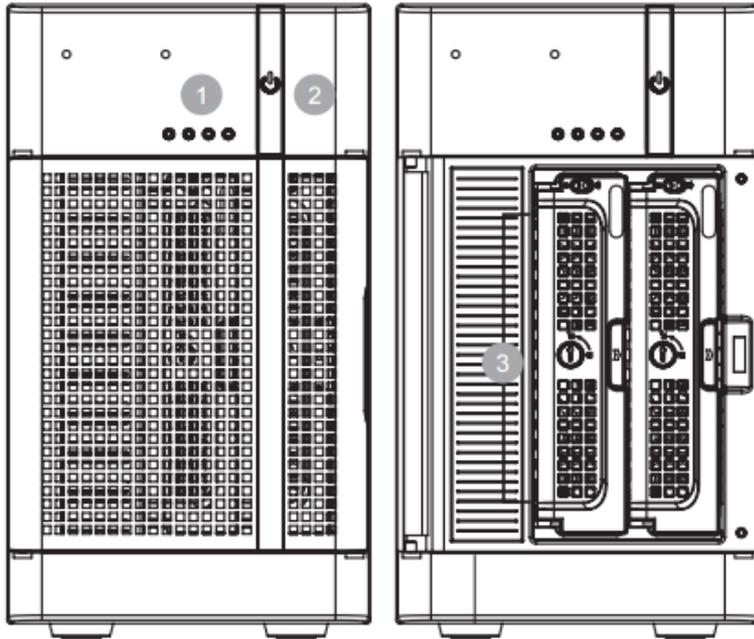
# Technical Information

# SMR Series Models

	SMR2110	SMR5110	SMR8300E	SMR8300A
Position	Professional Megapixel NVR		Enterprise Megapixel NVR	
Form Factor	All-in-one Desktop (Tower)			
CPU	Intel® Celeron	Intel® Celeron	Intel® Core i3	Intel® Core i7
Channel	16 – 32 Full HD	16 – 32 Full HD	16 – 32 Full HD	16 – 64 Full HD
Recording Throughput	192 Mbps	192 Mbps	192 Mbps	384 Mbps
Max. VI	4	4	8	16
HDD (Hot-Swappable)	2	5	8	8
Storage Expansion	NAS/iSCSI			
RAID	Non RAID, 1	Non RAID, 1, 5, 6 (built-in)		
I/O Interface	1x Gigabit Ethernet 3x USB2.0, 1x DVI-I		2x Gigabit Ethernet 6x USB2.0, 1x VGA, 1x HDMI	
Power Supply	48W	90W	430 W	
Dimensions	190(H) x 110(W) x 245(D) mm	225(H) x 175(W) x 245(D) mm	310(H) x 175(W) x 380(D) mm	
Local Display	Yes			
Surveon Control Center (CMS)	Yes			
Operating System	Linux			
Warranty	3 years			

# Hardware Overview

SMR2110 Front View

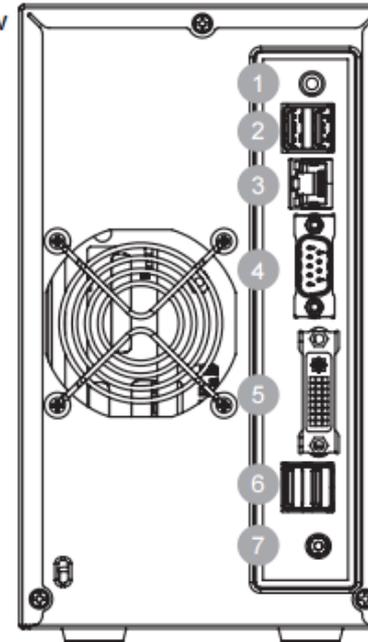


- 1 LED Indicators
- 3 Hot Swappable HD Tray

- 2 Power Switch

SMR2110 Rear View

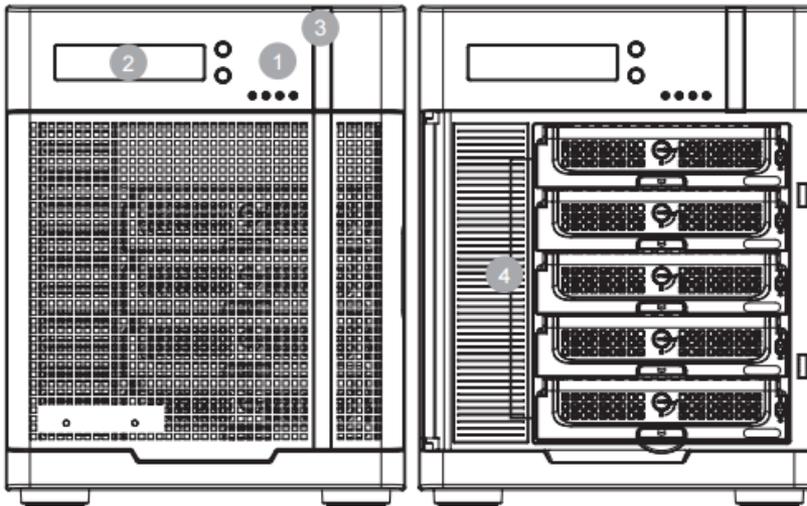
Rear View



- 1 Audio
- 2 USB x 2
- 3 Ethernet
- 4 Serial Port
- 5 DVI - I
- 6 USB x 2
- 7 12V DC In

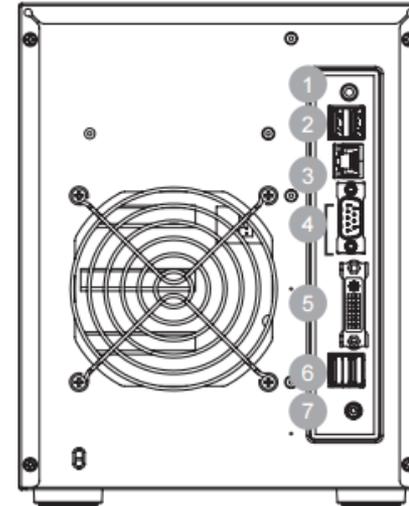
# Hardware Overview

SMR5110 Front View



- ① LED Indicators
- ② LCD Display
- ③ Power Switch
- ④ Hot Swappable HD Tray

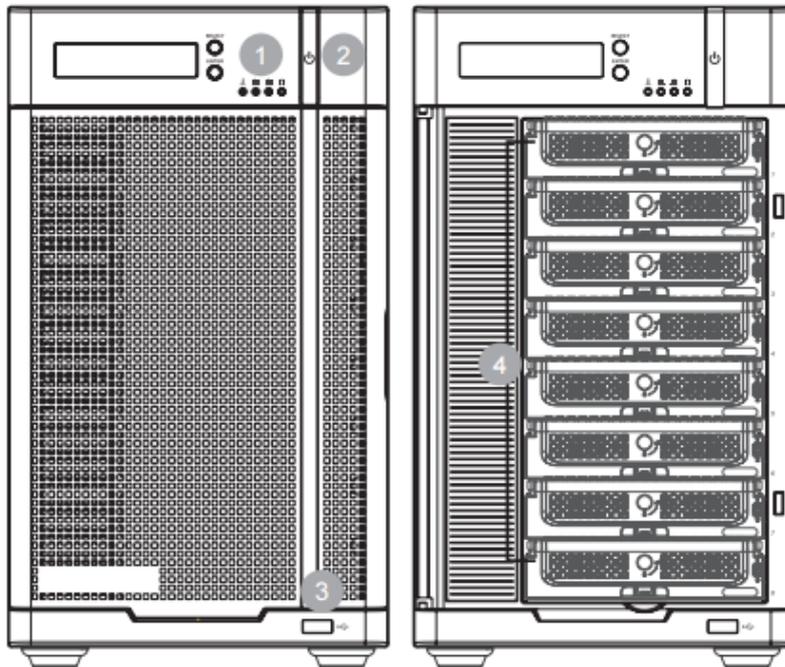
SMR5110 Rear View



- ① Audio
- ② USB x 2
- ③ Ethernet
- ④ Serial Port
- ⑤ DVI - I
- ⑥ USB x 2
- ⑦ 12V DC In

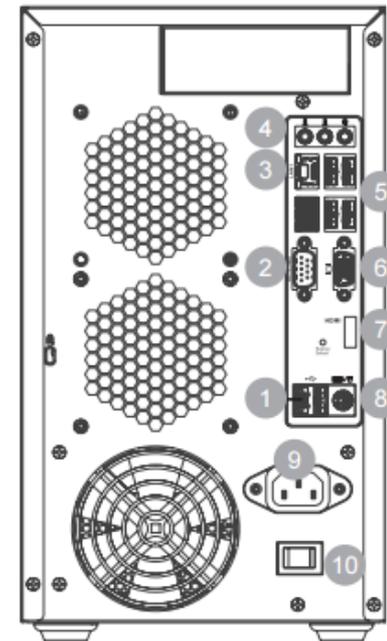
# Hardware Overview

SMR8300 Front View



- 1 LED Indicators
- 2 Power Switch
- 3 USB
- 4 Hot Swappable HD Tray

SMR8300 Rear View



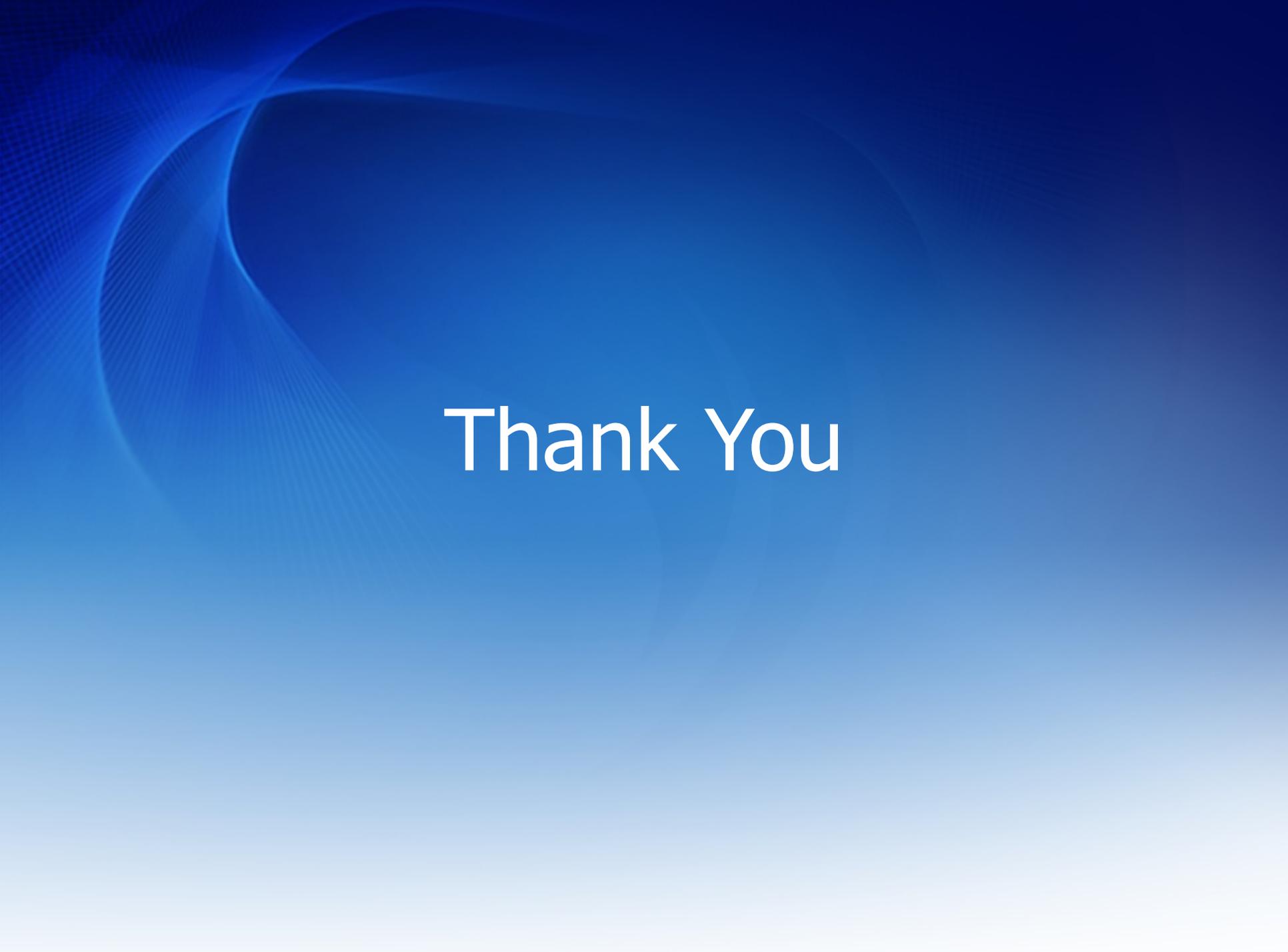
- 1 2 x USB
- 2 COM
- 3 2 x GLAN Ethernet
- 4 Audio
- 5 4 x USB
- 6 VGA
- 7 HDMI
- 8 PS/2KB
- 9 Power, AC Outlet
- 10 Power Switch

# Camera Support Capability

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



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The background is a gradient of blue, transitioning from a deep, dark blue at the top to a lighter, almost white blue at the bottom. On the left side, there are several overlapping, flowing, ribbon-like shapes in a lighter blue hue. These shapes appear to be composed of many thin, parallel lines that create a sense of motion and depth. In the upper left corner, there is a faint, grid-like pattern of small squares, which also seems to be part of the overall abstract design.

Thank You