



# Complex systems simplified.

## SMC Series: System management centre with preloaded DSS Express

Built to handle large systems in a cost-effective manner, the NVR-SMC Series is a management centre preloaded with a GUI for your surveillance system and 512 preactivated video channels. Organise and manage IP surveillance, access control, video intercoms, AI functionality and much more in this scalable, all-in-one solution.

- Centralised CCTV, access control & intercom management
- Set different access rights hierarchies per user/group
- Manage building access w/ RFID tag & fingerprint scan
- Event & alarm logging, searching, timestamp & overlay
- Create impressive live video walls displays
- Intelligent functions + ANPR, AI & face recognition
- PTZ control/tour, fisheye dewarp, audio, alarm, etc.
- Manual and automatic system backup/restore
- Built-in 1TB HDD - supports 3x 2.5" HDDs for storage
- High reliability with hot standby & hot swapping



Large Scale Surveillance Management



Powerful User Management



Visualise System with Emap

## SMC Series | Series Features



## All-in-one systems.

IP surveillance, intercoms and access control.

The SMC Series is compatible with VIP Vision™ IP surveillance, IP intercom systems & access control, and seamlessly integrating the entire electronic security system into one easy-to-use management centre.

- **IP Surveillance:** With PTZ, Fisheye and ANPR support
- **Intercoms:** Residential, Multi-Tenant & Apartment Series
- **Access Control:** Access Controllers & Readers

## Total management.

Become the ultimate manager and see everything.

The powerful management centre allows an administrator to effectively watch over the whole company from one centralised location.

- **Emaps:** Visualise entire system with main & sub maps
- **Video Walls:** With split screen & screen combining
- **Auditing:** View access logs with video snapshots, playback footage and visitor/appointment registration




## Shared access.

Grant limited surveillance access to employees.

Access to the DSS Express surveillance system can be granted across your network, with customisable permissions for multiple user hierarchies.

- **User Permissions:** Share specified camera access to staff to increase communication & productivity.
- **Access Permissions:** Set up access control with RFID tags, keypad passwords or

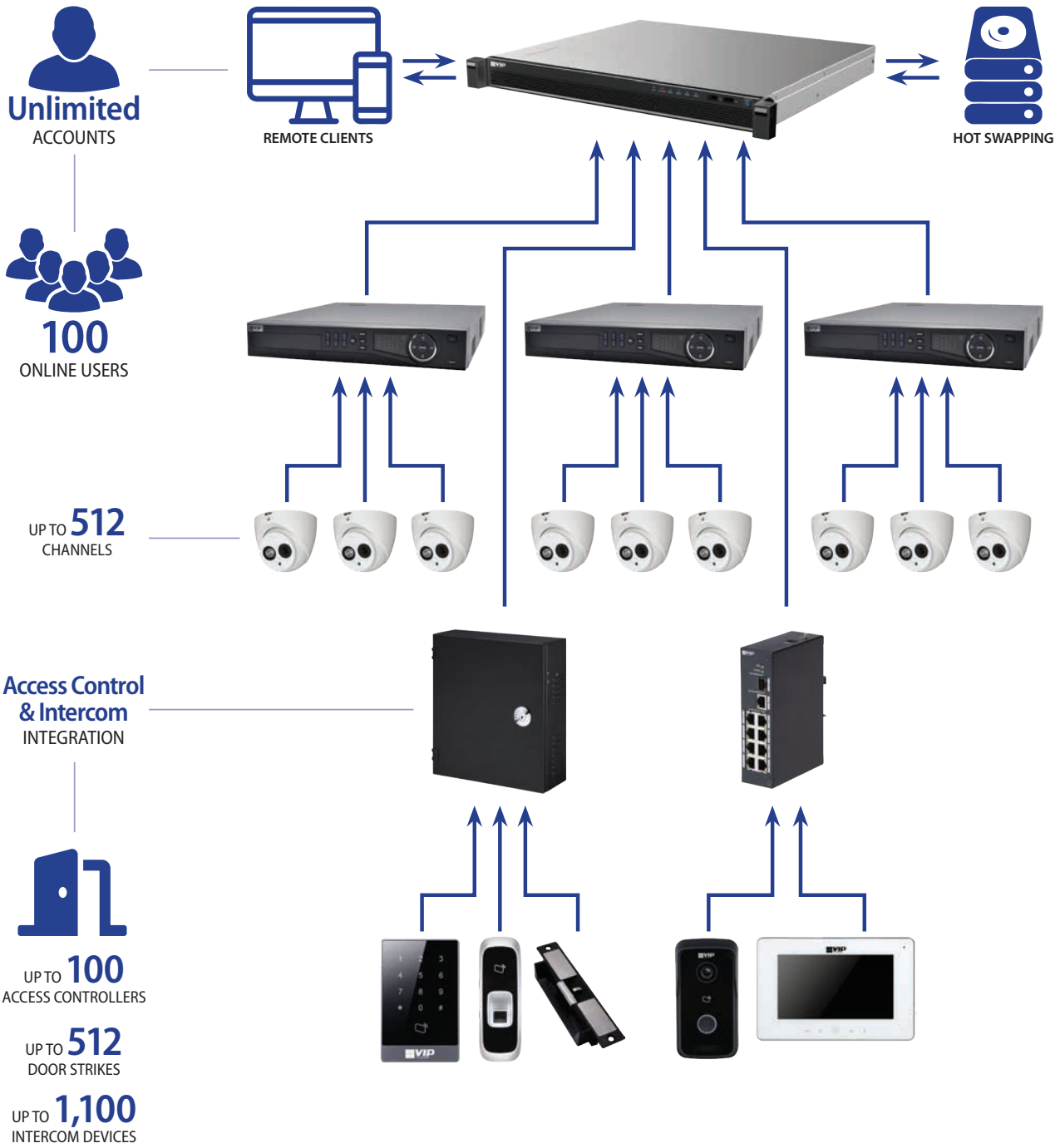
## System Management Centre | NVR-SMC Series Specifications

Model		NVR-SMC1
Series	Product Image	
	Series Name	NVR-SMC Series Surveillance Management Centre
Specifications	Main Processor	64 bit 4 core CPU (CORE-I3-6100)
	Operating System	Linux
	Power	Supports hot swap
	Memory	8GB(1×8GB)
	Chassis	1.0mm SGCC steel plate
Interface	Network Port	4 Ethernet Ports (10/100/1000Mbps)
	RS232	Reserved
	RS485	Reserved
	USB Port	Front panel: 2 × USB 3.0, Rear panel: 2 × USB 3.0 onboard panel:1 × USB 2.0
	HDMI	2 HDMI, one as network config, another as spare
	VGA	1 VGA, as network config
	HDD Installation	Built-in 1× 1T HDD disk (2.5") for system Support 3HDD disks (2.5") for Video & Picture storage
Environment	Power	100V ~ 240V, 47 ~ 63Hz
	Consumption	70W ~ 120W (with HDD)
	Operating Environment	0°C~45°C / 5%~90% RH
	Storage Environment	-20°C~70°C / 5%~90% RH
	Weight (Without Package)	6.0kg
	Dimension	440 x 398 x 44mm (1U)
	Installation Method	Standard 19" rack installation

## Video Management | NVR-SMC Series Specifications

Video Management	Management Type	Limit (Total / Rate)
Client	PC Client	700
	DSS Mobile 2	100
	DSS Mobile for VDP	5000
Organisation & Users	Organisation	10 hierarchies, 999 organisations per hierarchy
	Unit Group	3 Levels
	Online	100 online users and unlimited users
Devices (Single Point Performance)	Video	512 Channels
	ONVIF	64 IP, 64 Channels
	Access Control	100 IP, 512 Doors
	Video Intercom Devices	1100 (Door Station limit: 100)
	Facial Recognition Channels	32
	ANPR Camera	32
	Alarm Host	64
	POS Channels	32
Time Attendance	64	
Media Transmission Server	Video Input per Server	350Mbps
	Video Output per Server	350Mbps
Record	Playback Bandwidth per Server (With Recording)	150Mbps
	Video Storage Bandwidth per Server	150Mbps
	Maximum Capacity per Storage Server	200TB
	Download Task	Up to 5 per Client
Event	Event Reception (w/o Picture)	80 per Second
	Event Reception (w/ Picture)	5 per Second
Emap	Hierarchy of Raster Map	8 Hierarchies
	Photos of Raster Map	Up to 64 Photos
	Map Size of Raster Map	Up to 14.7MB
Personnel Management	Channel Number	Up to 200
	Persons	30,000
	Cards	30,000
	Fingerprints	90,000

# SMC Series | System Map



Your local VIP Vision™ IP solutions professional: