



Enterprise AI management

GSMC Series: System management centre with preloaded DSS PC Client

Built to handle large systems in a cost-effective manner, the NVR-GSMC2 is a management centre preloaded with a GUI for your surveillance system and 1,000 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 access w/ card reader & fingerprint scan
- Event & alarm logging, searching, timestamp & overlay
- Create impressive live video walls displays
- Intelligent functions + ANPR, AI & face recognition
- PTZ control/tour, audio, alarm, etc.
- Manual and automatic system backup/restore
- Built-in 2TB HDD - supports 15x 3.5" HDDs for storage
- High reliability with hot standby & hot swapping



Large Scale Surveillance Management



Powerful User Management



Visualise System with Emap

GSMC Series | Series Features



All-in-one systems.

IP surveillance, intercoms and access control.

The GSMC 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.

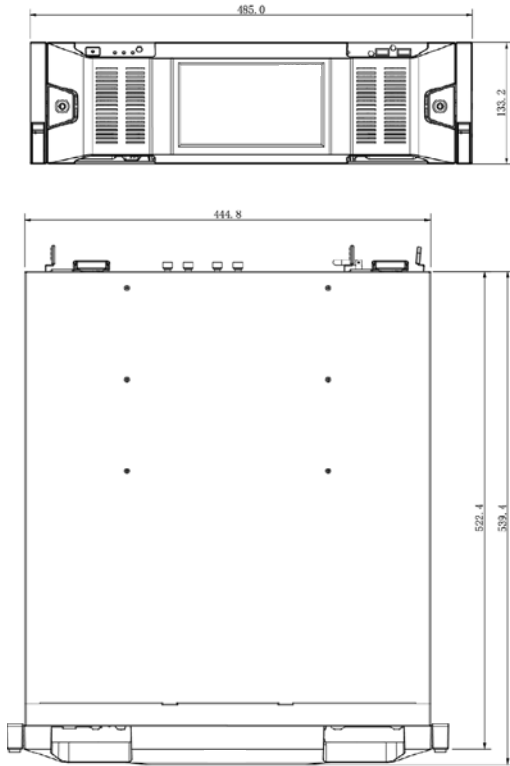
Access to the DSS PC Client surveillance system can be granted across your network, with customisable permissions for multiple user hierarchies.

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

System Management Centre | NVR-GSMC Series Specifications

Model	NVR-GSMC2	
Series	Product Image	
	Series Name	NVR-GSMC Series Surveillance Management Centre
Specifications	Main Processor	64 bit 4 core CPU (CORE-I5-6600)
	Operating System	Linux
	System Disk	Seagate 7200 RPM Enterprise Class HDD 2 TB
	Motherboard	Embedded board (7 × 24 operation)
	Hard Disk Compatibility	SAS/SATA disk
	Power	Supports hot swap & online replacement
	Power Redundancy	1+1 redundant power
Interface	Memory	16GB
	Network Port	4 Ethernet Ports (100/1000Mbps)
	USB Port	Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0
	HDMI	3 HDMI
	VGA	1 VGA, as network config
	HDD Installation	Built-in 1×2T HDD disk (2.5") for system Support 15HDD disks (3.5") for Video & Picture storage (max 16TB per HDD, 200TB per server)
	Power	315W (max), 210W (stable)
Environment	Operating Environment	0°C~40°C / 10%~80% RH
	Storage Environment	-20°C~70°C / 5%~90% RH
	Weight (Without Package)	19.1kg
	Dimension	444.8mm × 133.2mm × 522.2mm
	Installation Method	Standard 19" rack installation
	Secondary Development	Platform SDK provided

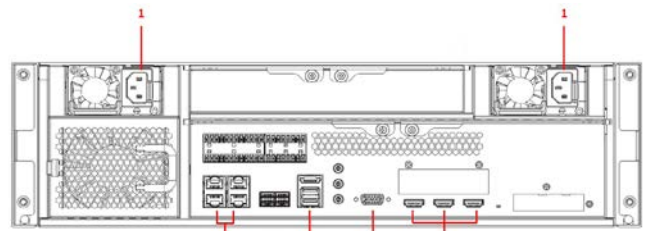
Diagrams



Dimensions



- 1- Power Button
- 2- Hard Device Indicator
- 3- Alarm Indicator
- 4- Network Indicator
- 5- USB 2.0
- 6- Lock



- 1- Power Interface
- 2- Gigabit LAN Port 1-4
- 3- USB 3.0
- 4- VGA
- 5- HDMI Port 1-3

Panel

Video Management | NVR-GSMC Series Specifications

Video Management	Management Type		Single Server Limit (Total / Rate)	Multiple Server Limit (Total / Rate)
Total Devices	Sub Servers		-	5 servers
	Included Device Licences		1,000 devices	5,000 devices
	Maximum Device Licenses		2,000 devices	6,000 devices
Client	PC Client & DSS Mobile Users		50 Online, 200 Total	
	Roles		100 (32 per user)	
	DSS Mobile for VDP		500 Online, 5000 Total	
Devices	Video		500 devices, 1000 channels	2500 devices, 5000 channels
	ONVIF		500 devices, 1000 channels	2500 devices, 5000 channels
	P2P		32 devices	
	Access Control		200 devices, 500 doors	600 devices, 1500 doors
	Video Intercom Devices		2000 devices	
	Alarm Controllers		64 devices, 640 zones	320 devices, 3200 zones
	Facial Recognition Channels		20 devices, 100 channels	100 channels, 500 channels
	ANPR Camera		100 channels	500 channels
	Alarm Host		100 channels	500 channels
	Video Metadata		100 channels	500 channels
Intelligent Analyses	People Counting & Heat Map		32 channels	160 channels
Media Transmission Server	Total Bandwidth Incoming / Outgoing / Storage		600 Mbps	3000 Mbps
	Video Bandwidth Incoming / Outgoing / Storage		600 Mbps	3000 Mbps
	Picture Bandwidth Incoming / Outgoing / Storage		100 Mbps	500 Mbps
Record	Maximum Capacity per Storage Server (local & IPSAN)		200 TB	1PB
	Prerecording Bandwidth for Alarm Recordings		400 Mbps	2,000 Mbps
	General Recording Plans		3,000	
	Motion Detection Recording Plans		3,000	
	Video Retrieval Plans		3,000	
Event	Event Reception (w/o Picture)		240 per second	480 per second
	Event Reception (w/ Picture)		100 per second	N/A
	Access Control Events		240 per second	480 per second
	Event Sources for Event Rules		3,000	
	Combined Event Rules		100	
	Combined Events		200	
Emap	Hierarchy of Raster Map		8 Hierarchies	
	Raster Map Total		256	
	Map Size of Raster Map		Up to 15MB	
	Resources per Raster Map		300	
Personnel Management	Persons & Vehicle Groups		999	
	Group Levels		10	
	Persons		100,000	
	Cards		200,000	
	Faces		100,000	
	Fingerprints		200,000	
	Vehicles		20,000	
Performance	Parking Lot Management	Total Vehicles	20,000	
		Total Groups	16 groups	
		Parking Lots	8	
		Entrances & Exits	16	
	Watchlists	Total Faces	100,000	
		Face Watch List	50	
		Faces Per Watch List	50,000	
		Vehicle Watch Lists	16	
		Vehicles per Vehicle Watch List	20,000	
	People Counting	Total Groups	8	
		Rules Per Group	20	
	Access Control	Door Access Rules For People	10,000 people (1 password, 2 face images, 3 fingerprints & 5 cards for each person)	
		Zones	256	
		Door Access rules	200	
		Public Passwords	1,500	
	Visitor	Appointments in Progress	10,000	
Notification Center	Notification Center Message	1,000		
Data Storage	Face Recognition / ANPR / Metadata / People Counting / Heat Map / Video Intercom / Access Controller / Operation Logs / Service Logs (5,000,000 each)			

Video Management

GSMC Series | System Map Using One NVR-GSMC2

