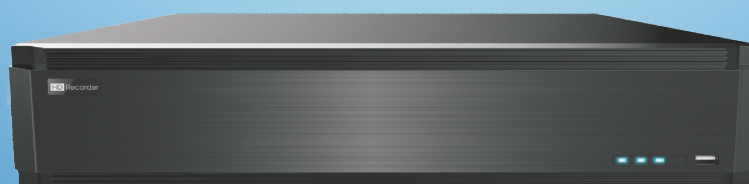


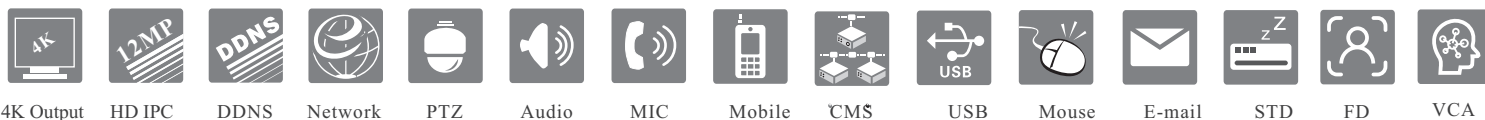
NVR

64 CH NVR

12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P HD NVR



SM-NH64812



SM-NH64812 supports 64 (12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 x 1024 / 960P / 720P) high definition IP input, which adopts the most advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system.

SM-NH64812 supports 64 CH IP input, simultaneous 16 CH playback, and 4K high definition display. The product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.



SPECIFICATIONS

Model		SM-NH64812
System	OS	Embedded Linux
Video	Network Input	64 CH IPC input
	Incoming Bandwidth	320Mbps
	Outgoing Bandwidth	320Mbps
	Network Input Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Output	HDMI 1 : 3840 × 2160@60fps / 3840 × 2160@30fps / 1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI 2: 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768
	Compression	H.265S/H.265+/H.265/H.264
	Multi-screen display	1/4/6/8/9/13/16/25/32/36/64
Audio	Network Input	64 CH IPC audio input
	2-way Audio	RCA × 1
	Local Output	RCA × 1
	Compression	G.711(U/A)
Record	Record Stream	Dual stream recording
	Resolution	12MP@20fps; 8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF@30fps(NTSC)/25fps(PAL)
	Mode	Manual/timed/motion/sensor/POS/AI recording
Playback	Simultaneous Playback	Max 16 CH
	Search	Time slice / time / event / tag / smart search
	Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability	Live View/ Playback	1CH 12MP / 4 CH 5MP / 9 CH 720P / 16CH 720P
Alarm	Mode	Manual, sensor, motion, exception, smart events
	Input	8 CH local alarm input; supports IPC alarm input
	Output	4 CH
	Triggering	Record, snapshot, buzzer, preset, e-mail, etc.
Video Structure Analysis	Human/Vehicle Classification	Yes
Other Functions	Fisheye	Supports fisheye dewarping via Web Client and mobile APP
	Plate Recognition	Yes
Network	Interface	RJ 45 10 / 100 / 1000 Mbps × 2
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, ONVIF, etc.
	Client Connection	Max.20 users access
Mobile Device	OS	iOS, Andriod
Storage	HDD Interface	SATA×8, up to 8TB per HDD; E-SATA×2
	RAID	RAID0, RAID1, RAID5, RAID6, RAID10
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
Port	USB	USB2.0 × 2, USB3.0 × 1
	RS 485	Yes (full-duplex) ; connectors for PTZ and keyboard
	Remote Controller	Yes

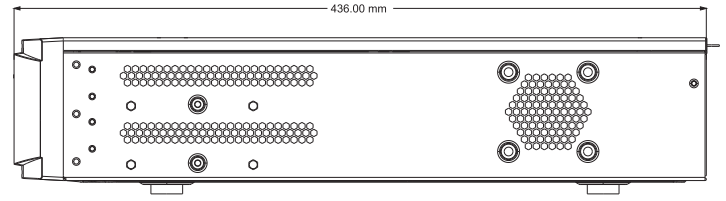
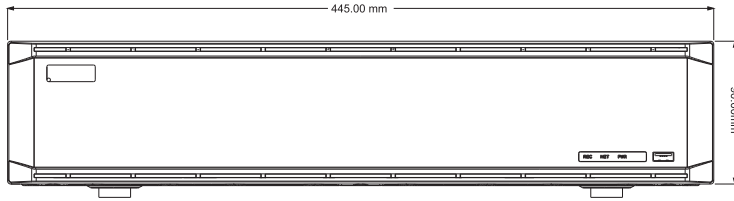
Others	Power Supply	ATX 250W
	Consumption	≤ 30W (without HDD)
	Dimensions (mm)	445 × 436 × 90 (W × D × H)
	Working Environment	-10 ~ 50 °C, 10% ~ 90% humidity
	Certificate	CE, FCC
	Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

FEATURES

- Supports 64 CH 12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280×1024/ 960P / 720P / 960H / D1 / CIF IP input
- H.265S/H.265+/H.265/H.254 high profile compression
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor/ POS / AI recording
- Playback : 16 CH simultaneous playback
- Search : time slice, time, event, tag search and smart search
- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Supports POS information overlay on live view and playback
- Supports RAID0, RAID1, RAID5, RAID6, RAID10
- Express and flexible backup via USB, network and so on
- Pentaplex : preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 4K output, true high resolution display
- Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Supports NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

SM-NH64812

12MP/8MP/6MP/5MP/4MP/3MP/
1080P/960P/720P HD NVR



REAR PANEL

