

SM-NH1281612

NVR

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



4K Output HD IPC DDNS Network PTZ Audio MIC Mobile CMS USB Mouse E-mail STD VCA

SM-NH1281612 series support 128CH 12MP/8MP / 6MP /5MP / 4MP 3MP 1080P / 1280x1024/960P/ 720P high definition IP input, which adopt the most advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system. SM-NH1281612 series support 128 CH IP input, simultaneous 16 CH playback, and 4K high definition display. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.



SPECIFICATIONS

Model		SM-NH1281612	
System	OS	Embedded Linux	
Video	Compression	H.265S/H.265+/H.265/H.264	
	IP Video Input	128CH IPC input	
	Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF	
	Incoming Bandwidth	384Mbps	
	Outgoing Bandwidth	384Mbps	
	Output	HDMI1 : 3840 × 2160@60fps / 3840 × 2160@30fps/1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA ×1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768	
	Multi-screen Display	1/4/6/8/9/13/16/25/32/36/64	
Audio	Network Input	128CH 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)	
Playback	Simultaneous Playback	Max 16 CH	
	Search	Time slice / time / event / tag 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/4CH 5MP/9CH 720P/16CH 720P	
Alarm	Mode	Manual, sensor, motion, exception, smart events	
	Input	8 CH local alarm input; support IPC alarm input	
	Output	4 CH	
	Triggering	Record, snap, 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 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, Android	
Storage	HDD Interface	SATA ×16, max 8T; E-SATA × 1	
	RAID	RAID0, RAID1, RAID5, RAID6, RAID10	
Backup	Local Backup	U disk, USB mobile HDD	
	Network Backup	Yes	
External Interface	RS 485	Yes (full-duplex), connect to PTZ or keyboard	
	USB	USB 3.0 × 1 ; USB 2.0 × 2	
	Remote Controller	Optional	

Others	Power Supply	ATX 250W
	Consumption	15W (without HDD)
	Dimensions (mm)	437 × 483 × 143 (W × D × H)
	Work Environment	-10°C~50°C; 10%~90% humidity
	Certificate	CE, FCC
	Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

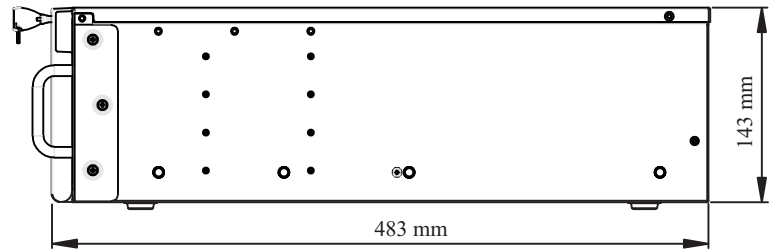
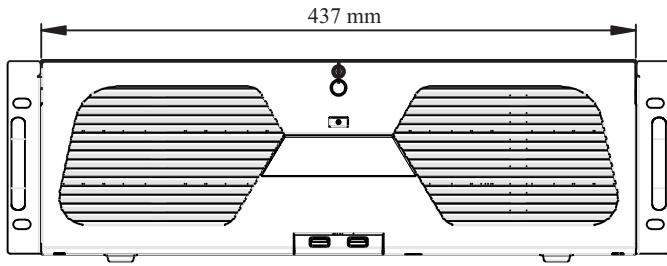
Features

- Support 128 CH 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF IP input
- H.265S/H.265+/H.265/H.264 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 and smart search
- Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Support POS information overlay on live view and playback
- Support 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
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

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Dimensions



Rear Panel

