

CCTV IP / Professional NVRs

SF-NVR6108A-A1

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4K NVR 6 Series

Network recorders capable of ultra-high resolution 4K cameras or high efficiency H.265+ encoding. Monitoring up to 2 Ch@4K or 8 Ch@1080p with auto-adaptive mode that achieves simultaneous display of a large number of cameras without exhausting graphics resources. Maximum utilisation of UHD monitors from the 4K HDMI output. Relay/alarm connections for physical integration of other devices. Versions with integrated PoE power supply and auto-add-on mode for simplified and centralised installation.

- NVR recorder for IP cameras A1 range
- 8CH video / Compression H.265+
- Resolution up to 8Mpx / Bandwidth 80Mbps
- HDMI 4K and VGA / 1HDD output
- Facial recognition / smart searches



Technical Specification

System	
OS	Embedded Linux
Video	
Network Input	8 CH IPC input
Incoming /Outgoing Bandwidth	80Mbps / 80Mbps
Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Output	HDMI x 1 : 1024 ×768 /1280×1024 / 1920×1080 / 3840×2160@30fps/3840×2160@60fps VGA x 1 : 1024×768 /1280×1024 / 1920×1080
Compression	H.264 / H.265 / H.265+ / H.265S
Audio	
Network Input	8 CH IPC audio input
2-way Audio	RCA × 1
Local Output	RCA × 1
Compression	G.711 (A/U)
Record	
Record Stream	Dual stream recording
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Frame Rate	NTSC: 30fps; PAL: 25fps
Playback	
Simultaneous Playback	Max 8 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 8MP/ 4CH 1080P
Alarm	
Mode	Manual, sensor, motion, exception, smart events
Input	8 CH local alarm input; supports IPC alarm input
Output	4 CH

Triggering	Record, snap, preset, e-mail, etc.
Network	
Interface	RJ45 1000 Mbps × 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, ONVIF, etc.
Client Connection	Max.10 users access
Mobile Device	
OS	iOS, Andriod
Storage	
HDD Interface	SATA × 1, max 8T per HDD
Backup	
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
Port	
RS 485	Yes (full-duplex), connect to PTZ or keyboard
USB	USB 2.0 × 1, USB 3.0 × 1
Remote Controller	Optional
Others	
Power Supply	DC12V/2A
Consumption	≤ 10W (without HDD)
Dimensions (mm)	300 × 249 × 45 (W × D × H)
Working Environment	-10 □ 50°C □ 10% □ 90% humidity
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)
Face	
Channel	8 CH
Face Picture Database	32 libraries 5000 Face Pictures
Computing Capability	180 pictures / minute
Face Picture Search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through APP, WEB and external import
External face picture enrollment	Resolution □ 128 × 128 □ 1920 × 1080 Size □ ≤ 70KB Format : jpg&jpeg

Face Picture Comparison	Supports allow list and block list alarm
Face Track	Yes
Map of Face Track	Resolution≤ 2560 x 1920 Size≤ 512KB Format : jpg&jpeg
Statistic Graph of Face Information	Bar graph, pie chart
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customized time period