

CCTV IP / Professional NVRs

# SF-NVR6116-B2

## SF-NVR6108A-A1

### 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.
<b>Network</b>	
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
<b>Mobile Device</b>	
OS	iOS, Andriod
<b>Storage</b>	
HDD Interface	SATA × 1, max 8T per HDD
<b>Backup</b>	
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
<b>Port</b>	
RS 485	Yes (full-duplex), connect to PTZ or keyboard
USB	USB 2.0 × 1, USB 3.0 × 1
Remote Controller	Optional
<b>Others</b>	
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)
<b>Face</b>	
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

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