

CCTV IP / Professional NVRs

# SF-NVR3104-B1

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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 B1 range
- 4 CH video / Compression H.265
- Resolution up to 8Mpx / Bandwidth 40Mbps
- HDMI 4K and VGA / 1HDD output
- Supports VCA events from IP cameras / POS function



## Technical Specification

System	
OS	Embedded Linux
Video	
Network Input	4 CH IPC input
Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/720P/960H/D1/CIF
Output	HDMI x 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA : 1920 × 1080 / 1280 × 1024 / 1024 × 768
Compression	H.265S / H.265+ / H.265 / H.264
Audio	
Network Input	4 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	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Frame Rate	NTSC:30fps; PAL:25fps
Playback	
Simultaneous Playback	Max. 4 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 8MP; 4CH 1080P
Alarm	
Mode	Manual, sensor, motion, exception, smart events
Input	Support IPC alarm input
Output	Support IPC alarm output
Triggering	Record, snap, preset, e-mail, etc.

Network	
Interface	RJ 45 1000Mbps × 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, SNMP, RTSP, ONVIF, etc.
Incoming/Outgoing Bandwidth	40/40 (Mbps)
Client Connection	Max. 10 users access
LPR	
Plate Recognition	Yes
Mobile Device	
OS	iOS, Andriod
Storage	
HDD Interface	SATA3.0 × 1, max 8T
Backup	
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
Port	
USB	USB 2.0 × 2
Remote cController	Optional
Others	
Power Supply	DC 12V/1.5A
Consumption	≤ 10W ( without HDD )
Dimensions (mm)	300 × 249 × 45 ( W × D × H )
Working Environment	-10 □ 50°C, 10% □ 90% humidity
Certificate	CE, FCC
EnvironmentalProtection	Complies with Directive EU RoHS, REACH and WEEE