

The **Hawkvision Smart 4K NVR** is an advanced 8-channel PoE intelligent video recorder designed for high-performance surveillance applications. It supports up to 8 channels of 4K PoE IP camera input and output with intelligent analytics, remote monitoring, and reliable recording performance.



Key Features

- Support 8CH PoE IPC input, Each PoE port supports up to 15W power output
- Standard transmission distance up to 100m; enhanced mode up to 200m
- Support camera and PoE port channel binding
- Support Smart265, H.265, and H.264 decoding formats
- Support synchronized recording, MP4 backup recording
- HDMI and VGA simultaneous video output
- Electronic zoom for live preview and playback
- Support ONVIF, RTSP, GB28181, and RTMP protocols
- Alarm snapshot and email notification support
- DDNS and UPNP support
- WEB browser, mobile APP, and IMS surveillance support
- Intelligent IPC Analytics: Line-crossing detection, Vehicle detection, Human Detection, Pet Detection and more
- Network diagnostics and traffic monitoring
- Maximum 4CH 1080P synchronous playback
- Support 8CH upto 4K decoding and upto 4K display output
- Manual and automatic IPC addition in LAN
- Online and USB upgrade support for IPC
- Enable/disable network functions
- Optimized compatibility with mainstream hard disks
- Support ANR (Automatic Network Replenishment)
- Selectable video stream modes
- Incoming bandwidth optimized up to 80Mbps

Model	HK-7108-K1/8P
Brand:	HAWKVISION
Product:	Hawkvision 4K 8ch Smart PoE NVR
Country of Origin:	United Kingdom
System Structure	Embedded Linux design, pure hardware decoding, watchdog, HDD storage, HDMI HD display, IP network video access
Video Split Mode	1 / 4 / 6 / 8 split display
Decoding Capability	4K / 1080P / 4MP + 5×D1 / 4MP + 7×D1
Incoming Bandwidth	80 Mbps
Video Output	1 HDMI, 1 VGA
HDMI Resolution	3840×2160, 1920×1080, 1440×900, 1280×1024, 1280×800, 1024×768
Preview Support	IMS client preview, mobile APP fast preview
Screen Display	1/2/4/6/8/9 split real-time preview
Recording Resolution	720P / 960P / 1080P / 3MP / 4MP / 5MP / 4K
Video Compression	Smart265 / H.265 / H.264
Playback	4CH synchronous playback (1×4K)
Remote Playback	IMS client supports up to 4CH remote playback
Audio	G.711 standard; HDMI audio output; 2PIN audio input; 3PIN audio output
Storage	1 SATA HDD, supports up to 16TB
Recording Modes	Scheduled, alarm, and combined recording
Alarm Events	Motion detection, human detection, line-crossing, vehicle retrograde, staff absence, loitering, area intrusion, illegal parking
Backup	USB storage backup (USB drive / portable HDD)
User Management	Supports up to 32 local users
Network Port	1× RJ45 10/100Mbps adaptive Ethernet
Network Protocols	TCP/IP, IPv4, DHCP, NTP, RTSP, ONVIF, P2P, SMTP, GB28181
PoE Ports	8× 10/100Mbps adaptive ports
PoE Power	IEEE802.3af: 15.4W / IEEE802.3at: 30W
USB Ports	2× USB2.0 (rear)
USB Functions	Mouse, firmware upgrade, import/export
Alarm Port	N/A
Front Panel Indicators	Power, Recording, Network
Buzzer Alarm	Supported
Remote Service	Preview, recording, forwarding, alarm linkage, remote monitoring
Cloud Service	P2P cloud supported
Operating Temperature	-10°C to +55°C

Operating Humidity	10% to 90%
Power Supply	DC 52V / 2.3A
Power Consumption	≤100W
Dimensions	210 × 255 × 42 mm (W × L × H)
Gross Weight	1600gms
Package Contents:	NVR, AC Power Cord, HDD Power and Data Cable, Screw for HDD
Certifications:	ISO14001, CE, RoHS compliant
Country of Manufacture:	China

Smart AI Analytics Functions to improve monitoring efficiency

- Line-crossing detection
- Vehicle retrograde detection
- Staff absence monitoring
- Loitering detection
- Area intrusion alerts
- Illegal parking detection
- Voice alarm support

Note: Above features support based on camera specification

Interfaces

- 1 × HDMI Output
- 1 × VGA Output
- 2 × USB 2.0 Ports
- 1 × RJ45 LAN Port
- 8 × PoE Ports
- Audio Input/Output Extension Interface

Upgrade & Maintenance

- Online IPC firmware upgrade
- USB firmware upgrade
- IPC restart and restore functions
- Network diagnostics and monitoring
- Hard disk compatibility optimization