



Hikvision I Series Network Video Recorders

Reliable Video Recording & Storage for Enterprise and SMBs

- High effective decoding capability & maximum bandwidth
- Multiple analytics functions
- Enhanced data security and access management

HIKVISION®



INNOVATIVE CAMERAS DESERVE HIGH PERFORMANCE NVRs

Hikvision's embedded I series Network Video Recorders offer the benefits of managing bandwidth and storage with the latest H.265+ compression technology. The all-in-one NVRs have powerful capabilities, supporting up to 32 MP resolution for recording. Ultra-high definition output up to 4K is now supported on all NVR models, from entry level to professional. For data safety, Hikvision I series Network Video Recorders provide RAID, N+1 hot spare, and ANR functions (selective models), ensuring stable and reliable video recording.



Stable storage system



Powerful and economical IPC input and display



Stable operation 24/7



Convenient and easy to use



Excellent VCA accuracy



More useful design

HIKVISION I SERIES

NVR OVERVIEW



	DS-7600NI-I2/P	DS-7700NI-I4/P	DS-9600NI-I8
IP channel No.	8/16	16/32	16/32/64
Incoming Bandwidth	80/160	160/256/320	256/320/320 (Enable Raid: 200/200)
Outgoing Bandwidth	256/256	256/256/256	256/256/256 (Enable Raid: 200/200)
Decoding Capability	2-ch @12MP or 4-ch @4K	2-ch @12MP or 4-ch @4K	2-ch @12MP or 4-ch @4K
Codec	H265+, H265, H264+, H264	H265+, H265, H264+, H264	H265+, H265, H264+, H264
Video Output	1VGA, 1HDMI	1VGA, 2HDMI, 1CVBS	2VGA, 2HDMI
SATA Interface	2	4	8
eSATA	N/A	Optional	1
Raid	N/A	N/A	Raid 0/1/5/10
Alarm I/O	4/1	16/4	16/4

HIKVISION I SERIES

NVR OVERVIEW

MODEL NO.	HOW MANY 1080P IPCS ARE SUPPORTED?		HOW MANY 4K IPCS ARE SUPPORTED?	
	FOR RECORDING ONLY	FOR SYNCHRONIZED LIVE VIEW & PLAYBACK	FOR RECORDING ONLY	FOR SYNCHRONIZED LIVE VIEW & PLAYBACK
DS-7608NI-I2/8P	8	8	8	4
DS-7616NI-I2/16P	16	16	16	4
DS-7716NI-I4/16P	16	16	16	4
DS-7732NI-I4	32	16	28 (Recommended) (32 if reduce bitrate)	4
DS-7732NI-I4/16P	32	16	28 (Recommended) (32 if reduce bitrate)	4
DS-7732NI-I4/24P	32	16	32	4
DS-9616NI-I8	16	16	16	4
DS-9632NI-I8	32	16	32	4
DS-9664NI-I8	64	16	35 (Recommended) (64 if reduce bitrate)	4
DS-9632NI-I16	32	16	35 (Recommended) (64 if reduce bitrate)	4

NOTE: Reduce bit rate may reduce the image effect.

RELIABLE STORAGE

Hard Drive Storage

The Hard Drive Health Detection function enables users to clearly see how many storage units are operating normally.

Up to **8** disks

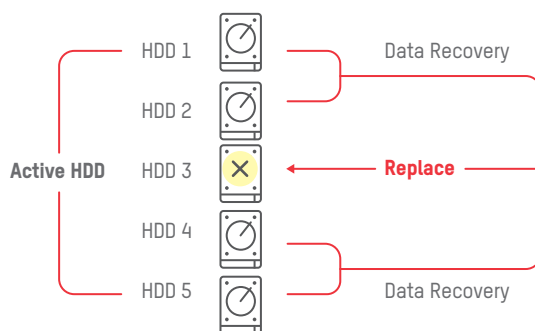
Up to **10 TB** for a single HDD

Up to **80 TB** 6 months @ 1080P

*96 series support HDD **Hot Swap**

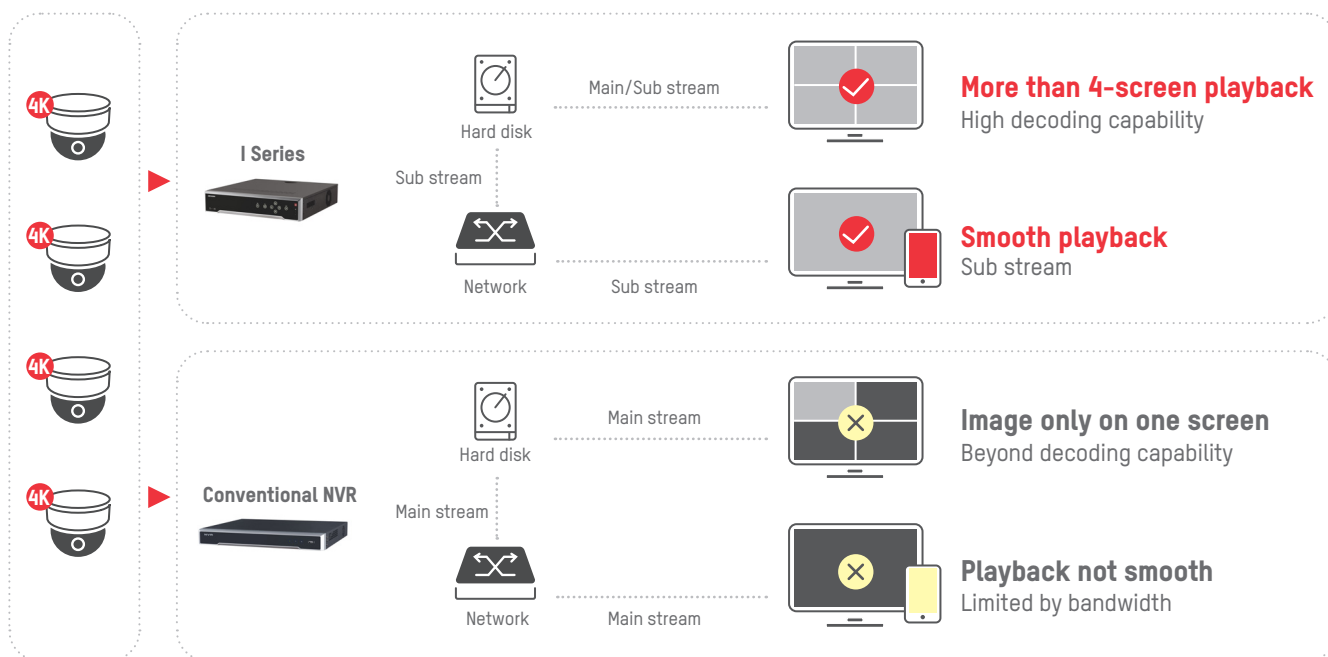
RAID

The RAID function ensures that data stored on functioning hard drives can still be played back. Hikvision NVRs support RAID 0, 1, 5, 6, 10.



Dual-Stream Recording

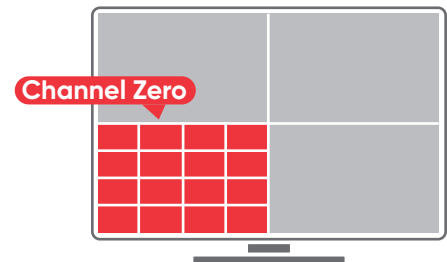
Dual-stream recording ensures high-quality streaming for local playback and lower-quality streaming for remote playback to allow for different network conditions.



DIVERSIFIED VIDEO DISPLAY

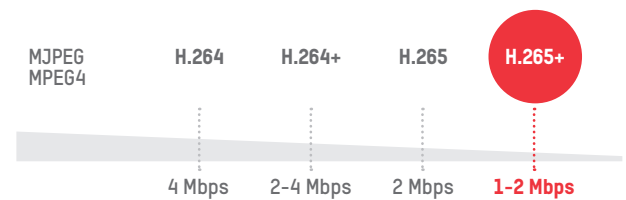
Channel Zero

With the channel zero function, users can view up to 16 cameras connected to an NVR but only use one channel's worth of bandwidth. This function helps to ensure fluid video for remote users.



Multiple Stream Types

Hikvision NVRs automatically adapt to multiple code streams types, making them compatible with several kinds of cameras, such as 1080p cameras.



Multi-Video Output

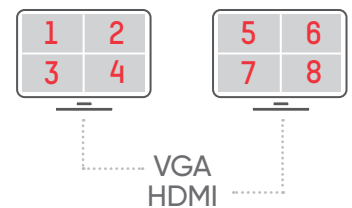
Synchronous Outputs: The same channel displays at multiple locations simultaneously

Independent Outputs: Multiple outputs can display various channels independently, enabling users to view multiple channels at the same time and save their time.

Synchronous
Outputs



Independent
Outputs



HD Video Display

Boasting 4K decoding and display, Hikvision NVRs record and reproduce sharper images with more details and yield more potent security video.

The I-Series:

Up to 4 channels of video at 4K Or up to 16 channels at 1080p

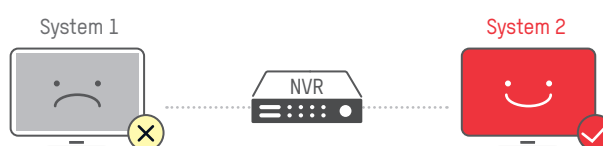
TRUSTED STABILITY

Embedded Linux System

All the NVRs are embedded with a Linux system, which adds to the overall stability. NVRs equipped with Hikvision's decoding board can render excellent imaging onto a video wall. Video walls expand and extend the use of conventional monitors.

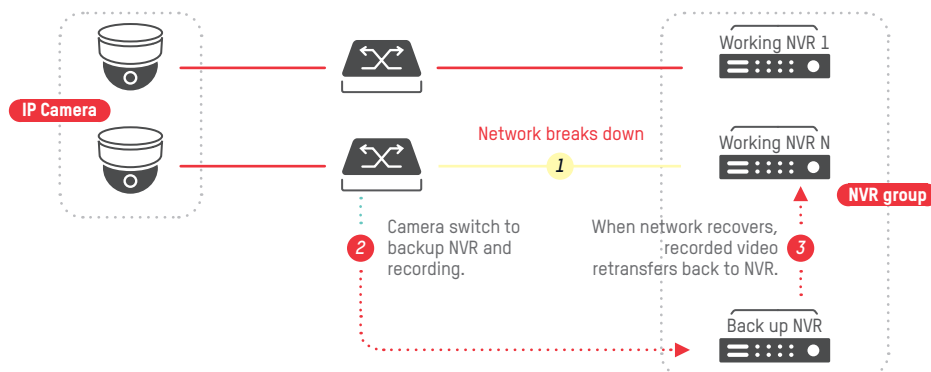
Dual Systems

Our NVRs have two copies of the OS system in the flash memory, so if one of them fails, the redundant firmware will operate in its place.



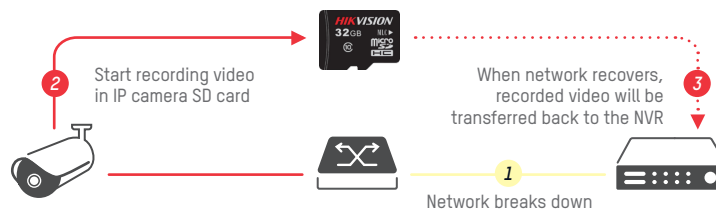
N+1 Hot Spare

When NVR X breaks down, the standby NVR will take over for it to keep the system operating continuously. When the network recovers, recorded video transfers back to NVR X (the standby NVR can only take over one offline device at a time). * $n \leq 16$



Automatic Network Replenishment

If the network goes down, video recording will move to the on-board SD card in the IP camera. Upon network recovery, recorded video will return back to the NVR.



Smooth Streaming

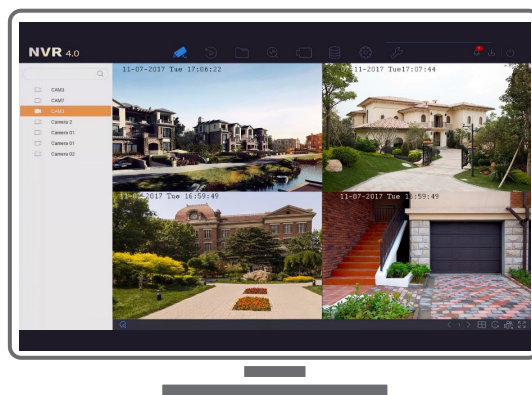
Smooth streaming can automatically adjust bitrate and resolution according to real-time network conditions to ensure a smooth live view and playback when network conditions are poor.

EASE OF USE

EASE OF USE

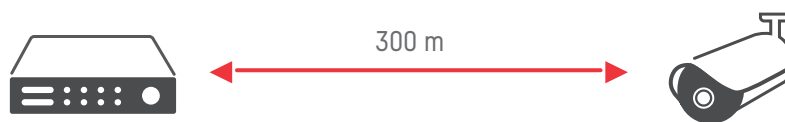
New GUI

Faster Access Speeds
Clearer Menu Structure
Simpler Design for Enhanced User Experience



Long Transmission Distance

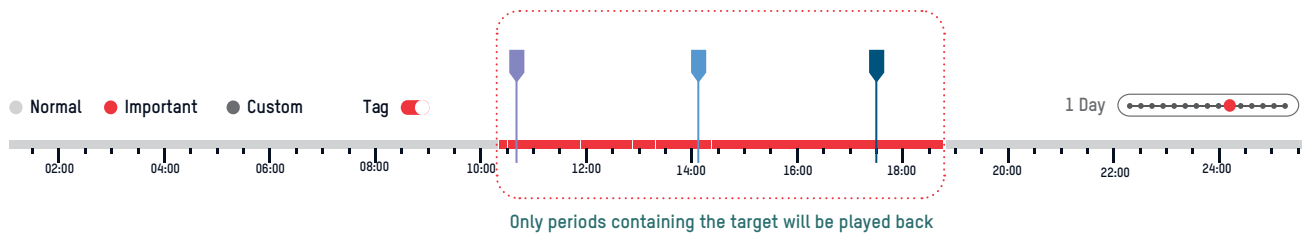
984 ft (300 m) long-distance transmission



Easy Playback

Hikvision NVRs support several smart playback modes:

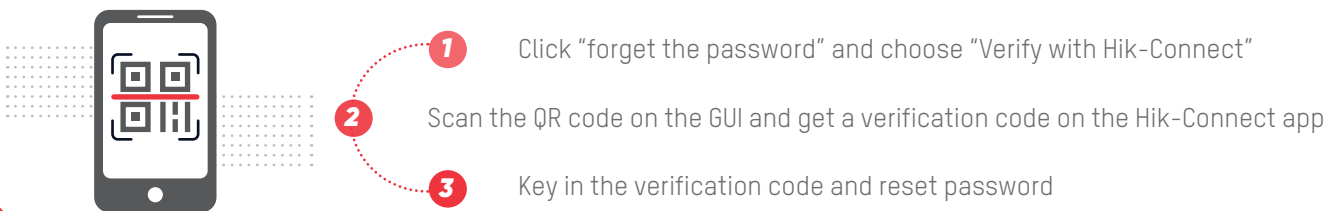
- Smart Mode: Skip static images and playback periods containing the target event.
- Sub-Period Mode: Cut an extended time period into several short periods. Playback any short time period in several different channels at the same time.



Password Retrieval

It only takes 3 steps to reset a password within 1 minute.

Please note that the Hik-Connect account needs to be bound with the NVR in advance.



No Web Plugin Required

- No web plugin required for live viewing or configuration
- Up to 8 MP IP camera access for 2 MP live view or playback



*Supports
Google and Firefox

Dual NICs

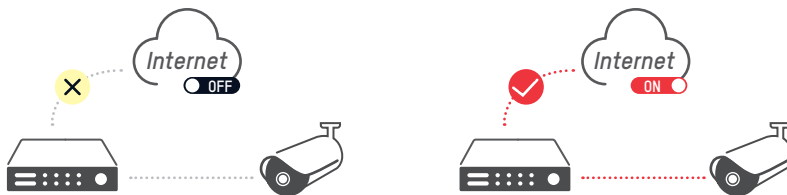
The Dual-NIC feature provides two isolated network interfaces, so customers can configure LAN & WAN surveillance according to their particular application and needs.



Virtual Host

For remote users, this function offers an easy way to configure IP camera parameters connected to the PoE port even when the IP camera has not been allocated an IP address. A link on the NVR's web page takes users to the IPC's web page.

**Only available for PoE NVRs*



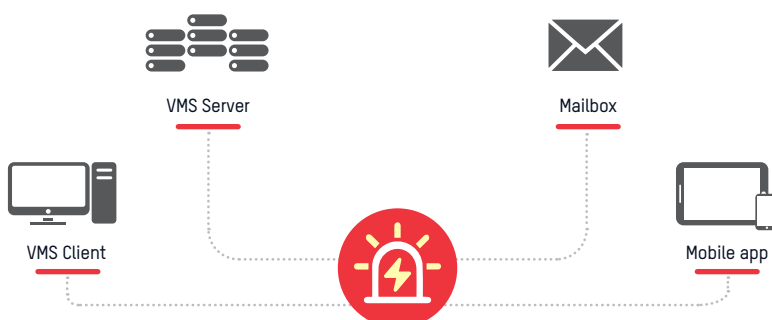
Third-Party Compatibility

Hikvision NVRs support ISUP protocol and over 20 common third-party camera protocols. We also provide third-party integrators with *SDK* and *ISAPI* protocol documents.

Support more than **20** mainstream third-party camera protocols

Multi-Device Access

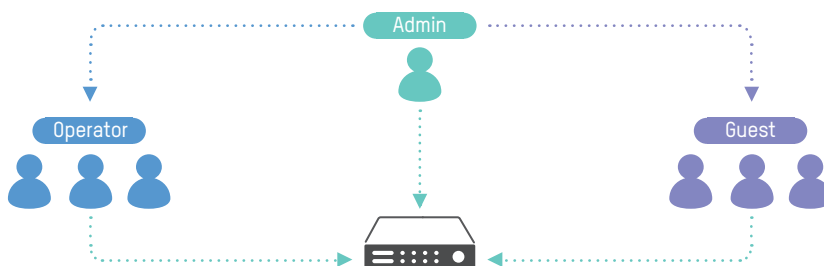
Users can manage an NVR through various channels and the alarm information will be pushed to each one.



ENHANCED SECURITY

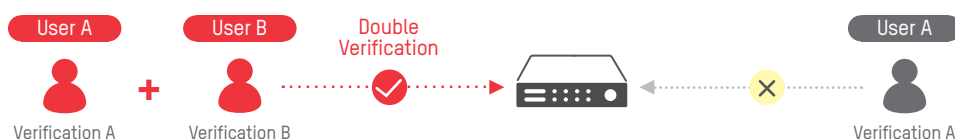
Multilevel Permissions

Each user can be assigned any access level. Management of multiple users can be employed to ensure device and information security. The default user "Admin" is the administrator. This user has the highest privilege set and can decide the other two levels of user authorization.



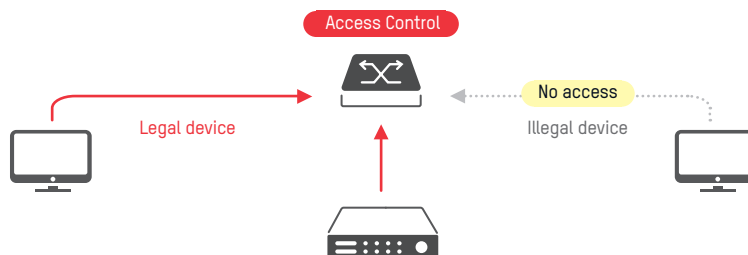
Double Verification Permission for Non-Admin Users

After double verification is enabled in the channel, a non-admin user must be verified by an authorized user to be granted permission. Only admin has the authorization to set double verification.



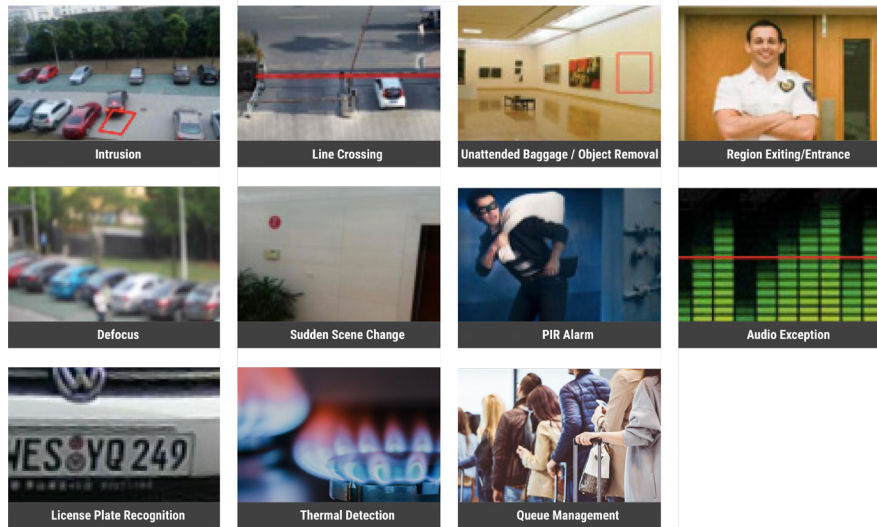
TLS 1.2 Protocol

Hikvision I-Series NVRs support the **802.1x EAP-TLS 1.2** protocol, which allows them to acquire authorized certificates, and only devices with the certificates have access to the private network.



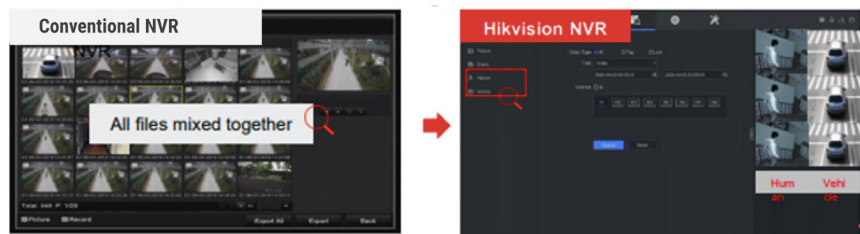
INTELLIGENT VIDEO ANALYTICS

Multiple VCAs



Quick Target Search

- Highly efficient & secure plug-in free web interface
- Increase operational efficiency with advanced deep learning detection



Video searches for alarm data is time consuming

Quickly search video to find a person, vehicle, or incident.

Retailer POS Benefits



- Live view and playback with POS transaction overlay
- Works with popular POS models and user-defined POS protocol
- Better management with access control and intercom integration
- Flexible integration methods via network protocol, serial port, USB->serial port

CONVENIENT EVENT MANAGEMENT

Hik-Connect

Hik-Connect Mobile Software provides privacy, security, convenience, & efficiency when using your smartphone or tablet.



Privacy



Security



Convenience



Efficiency

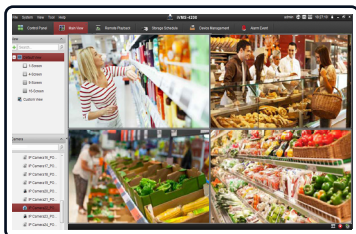


Hik-Connect

VMS Client – iVMS-4200

With Hikvision's iVMS-4200, you get quick access via your PC to live feed viewing, playback, video recording, and remote searching.

4200 for central
management



Live feed viewing



Playback



Video recording



Remote searching



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