

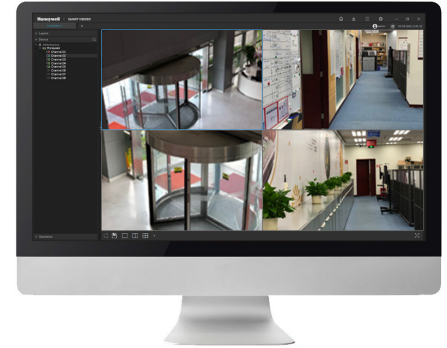
HONEYWELL SMART VIEWER

For 35 Series NVRs

Honeywell Smart Viewer (HSV) is designed to connect and manage multiple 35 Series Embedded NVRs.

Featuring a user-friendly interface, HSV can be deployed for device management and configuration, video live view and playback, event management, PTZ control, fisheye camera de-warping and E-map.

This view also features multiple monitor support, multiple display layouts, customized views and tours, two-way audio and global P2P remote connection for efficiency monitoring and operation. HSV supports up to 2048 cameras and multiple NVRs making it ideal for medium to large scale video surveillance systems. With HTTPS and TLS 1.2 encryption streaming and communication between HSV and 35 Series NVRs, customers can increase compliance, reduce potential liability costs and realize the benefits of an end-to-end encrypted and secure video surveillance.



MARKET OPPORTUNITIES

Intuitive user interface, full features, HTTPs encryption, multiple sites management, global P2P enabled remote connection make this video management viewer perfect for a wide range of medium and large scale security applications where efficiency is important, compliance is essential and data is protected.

FEATURES AND BENEFITS



Supports Honeywell 35 Series Embedded NVRs
Connection to NVR anytime anywhere (local, remote, global P2P)
Multi-NVR management, supports up to 2048 video channel connection



Supports two way audio through 35S NVR with 35S cameras
Supports up to 64 live view windows in 1 single screen
Supports Windows® 10 (64-bit)
Auto streaming size to save decode and streaming bandwidth



Supports receiving video analytic events from 35S series cameras through 35S NVR

Dual monitors configurable to display live view, tour, E-map or event views



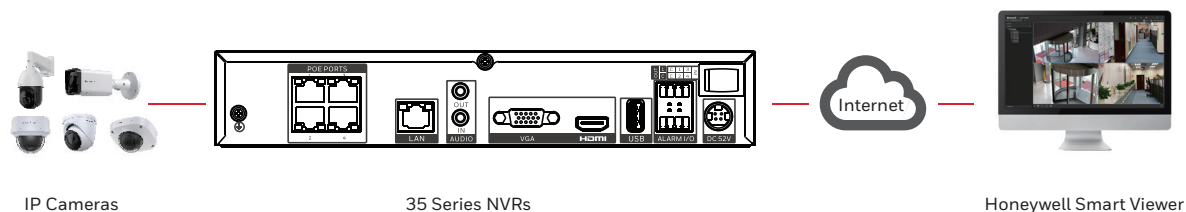
Editable display information on liveview
End to end HTTPs stream encryption
Video recording and playback management



Event management and event trigger
Device management
PTZ Control
MFZ and digital zoom
Fisheye dewarping
E-map

SMART VIEWER FOR 35 SERIES NVRs

SYSTEM DIAGRAM



TECHNICAL SPECIFICATIONS

SYSTEM	
Supported Device	35 Series NVR
Maximum Video Channels	2048 channels
Max Video Channels Viewed Concurrently	128 Channels*
Decoding	CPU, GPU*
Max Managed Devices	32 devices
Device Management	Add, delete, edit, import, export, device group, reboot, restore
User Management	Privileges set based on user and role, according to group / menu / channel / function
Health Report	Device status, CPU status, MEM status
Video Display Split	Equal: 1 / 2 / 4 / 6 / 9 / 16 / 25 / 36 / 64 Focus: 1+5, 1+7, 1+3+28
Live View Screen	Maximum 4
MANAGEMENT	
PTZ Control	Direction Control, Home, Zoom, Focus, Iris, Preset, Pan, Stop, Speed
Live View Operation	Snapshot, Record, Audio, Talk, 3D PTZ, E-PTZ
Video Playback	Device Itself
Max Playback Channels	16
Search Type	Time Line, Out Grid
Local Recording	Yes
E-Map	Map Type : Picture, GIS Layout : Map+3 Video, Map+5 Video
E-Map Format	Picture: Png/JPEG/JPG GIS: OpenStreetMap
Alarm Type	Motion Detection, Smart Motion Detection, Camera Alarm In, NVR Alarm In, Video Lost, Perimeter , Multi Loiter, Tamper Alarm, Crowd Detection, Disk Exception, Disk Full
Alarm Trigger	UI Event : Alarm Pop-Up Window / Video Border Flickers / Video Window Enlarge / Speech / Buzzer Linkage Event : Send E-Mail/PTZ Control / Relay Out
Video Export	MP4
PC/MAC REQUIREMENT	
CPU	Windows version: Intel® Core™ i5-8500 or above Mac version: 2.6 GHz Dual-core Intel Core i5 or above
Memory	Windows version: 8 GB or above Mac version: 8 GB or above
Display Card	Windows version: D1*16ch display : Intel HD Graphics or above D1*64ch display : NVIDIA GTX 1050Ti or above Mac version: 16ch display : Intel HD Graphics 6000 1536 MB or above 64ch display : AMD Radeon Pro 5300 4 GB or above
Hard Drive	50 GB free space or above
OS	Windows version: Windows 10 / Windows 11 Mac version: Mac OS : Big Sur 11, Monterey 12, or above
Screen Resolution	720P or above

* For more hardware and integration details, please refer to user manual

SMART VIEWER FOR 35 SERIES NVRs

ORDERING

MODEL	DESCRIPTION
HN35 eNVR – 4 / 8 / 16 Channel	
HN35040100	4 Chs NVR 4K (8 MP) Support, H.265/H.264, 4 Chs PoE, Stream Encryption, 0 TB, 1 SATA
HN35040101	4 Chs NVR 4K (8 MP) Support, H.265/H.264, 4 Chs PoE, Stream Encryption, 1 TB, 1 SATA
HN35040102	4 Chs NVR 4K (8 MP) Support, H.265/H.264, 4 Chs PoE, Stream Encryption, 2 TB, 1 SATA
HN35040104	4 Chs NVR 4K (8 MP) Support, H.265/H.264, 4 Chs PoE, Stream Encryption, 4 TB, 1 SATA
HN35040106	4 Chs NVR 4K (8 MP) Support, H.265/H.264, 4 Chs PoE, Stream Encryption, 6 TB, 1 SATA
HN35040108	4 Chs NVR 4K (8 MP) Support, H.265/H.264, 4 Chs PoE, Stream Encryption, 8 TB, 1 SATA
HN35040110	4 Chs NVR 4K (8 MP) Support, H.265/H.264, 4 Chs PoE, Stream Encryption, 10 TB, 1 SATA
HN35080200	8 Chs NVR 4K (8 MP) Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 0 TB, 2 SATA
HN35080202	8 Chs NVR 4K (8 MP) Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 2 TB, 2 SATA
HN35080204	8 Chs NVR 4K (8 MP) Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 4 TB, 2 SATA
HN35080208	8 Chs NVR 4K (8 MP) Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 8 TB, 2 SATA
HN35080210	8 Chs NVR 4K (8 MP) Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 10 TB, 2 SATA
HN35080216	8 Chs NVR 4K (8 MP) Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 16 TB, 2 SATA
HN35160200	16 Chs NVR 4K (8 MP) Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 0 TB, 2 SATA
HN35160204	16 Chs NVR 4K (8 MP) Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 4 TB, 2 SATA
HN35160208	16 Chs NVR 4K (8 MP) Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 8 TB, 2 SATA
HN35160210	16 Chs NVR 4K (8 MP) Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 10 TB, 2 SATA
HN35160216	16 Chs NVR 4K (8 MP) Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 16 TB, 2 SATA
HN35160220	16 Chs NVR 4K (8 MP) Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 20 TB, 2 SATA
HN35 PLUS MAXPRO Cloud – 4 / 8 / 16 Channel	
HN35080200C	8 Chs NVR 4K Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 0 TB, 2 SATA, MPC
HN35080202C	8 Chs NVR 4K Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 2 TB, 2 SATA, MPC
HN35080204C	8 Chs NVR 4K Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 4 TB, 2 SATA, MPC
HN35080208C	8 Chs NVR 4K Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 8 TB, 2 SATA, MPC
HN35080210C	8 Chs NVR 4K Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 10 TB, 2 SATA, MPC
HN35080216C	8 Chs NVR 4K Support, H.265/H.264, 8 Chs PoE, Stream Encryption, 16 TB, 2 SATA, MPC
HN35160200C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 0 TB, 2 SATA, MPC
HN35160204C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 4 TB, 2 SATA, MPC
HN35160208C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 8 TB, 2 SATA, MPC
HN35160210C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 10 TB, 2 SATA, MPC
HN35160216C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 16 TB, 2 SATA, MPC
HN35160220C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 20 TB, 2 SATA, MPC
HN35160400C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 0 TB, 4 SATA, MPC
HN35160404C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 4 TB, 4 SATA, MPC
HN35160408C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 8 TB, 4 SATA, MPC
HN35160410C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 10 TB, 4 SATA, MPC
HN35160416C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 16 TB, 4 SATA, MPC
HN35160420C	16 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 20 TB, 4 SATA, MPC

SMART VIEWER FOR 35 SERIES NVRs

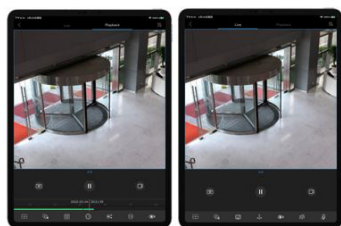
ORDERING (CONTINUED)

MODEL	DESCRIPTION
HN35 PLUS - 32 Channel	
HN35320400	32 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 0 TB, 4 SATA
HN35320404	32 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 4 TB, 4 SATA
HN35320408	32 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 8 TB, 4 SATA
HN35320410	32 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 10 TB, 4 SATA
HN35320416	32 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 16 TB, 4 SATA
HN35320420	32 Chs NVR 4K Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 20 TB, 4 SATA
HN35 PRO - 16 / 32 / 64 Channel	
HN35160408R	16 Chs NVR 4K (8 MP) Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 4 SATA, 8 TB
HN35160416R	16 Chs NVR 4K (8 MP) Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 4 SATA, 16 TB
HN35160492R	16 Chs NVR 4K (8 MP) Support, H.265/H.264, 16 Chs PoE, Stream Encryption, 4 SATA, 16 TB, RAID
HN35320408NR	32 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 4 SATA, 8 TB, Non-PoE
HN35320416NR	32 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 4 SATA, 16 TB, Non-PoE
HN35320492NR	32 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 4 SATA, 16 TB, Non PoE, RAID
HN35640492NR	64 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 4 SATA, 16 TB, Non-PoE, RAID
HN35320808NR	32 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 8 SATA, 8 TB, Non-PoE
HN35320816NR	32 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 8 SATA, 16 TB, Non-PoE
HN35320832NR	32 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 8 SATA, 32 TB, Non-PoE
HN35320892NR	32 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 8 SATA, 16 TB, Non-PoE, RAID
HN35320893NR	32 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 8 SATA, 32 TB, Non-PoE, RAID
HN35640892NR	64 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 8 SATA, 16 TB, Non-PoE, RAID
HN35640893NR	64 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 8 SATA, 32 TB, Non-PoE, RAID
HN35640894NR	64 Chs NVR 4K (8 MP) Support, H.265/H.264, Stream Encryption, 8 SATA, 48 TB, Non-PoE, RAID

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