

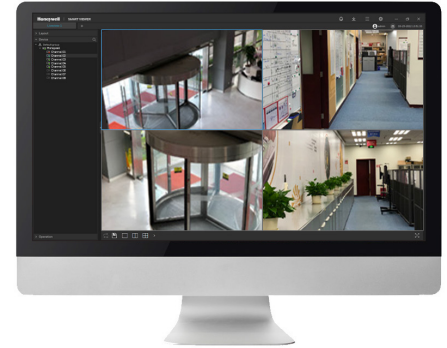
HONEYWELL SMART VIEWER

Video Management Software 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, E-map and people counter.

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. HSV Windows also supports the playback of encrypted and watermarked video content. With HTTPS and TLS1.2 & TLS1.3 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)
- Supports accessing the camera's web interface via the NVR's web interface.
- Multi-NVR management, supports up to 2048 video channel connection



- Supports two way audio through 35S NVR with Honeywell 30/35/60/70 series cameras
- Supports up to 64 live view windows in 1 single screen
- Supports Windows® 10 (64-bit) and Mac OS
- Auto streaming size to save decode and streaming bandwidth



- Supports receiving video analytic events from Honeywell 30/35/60/70 series cameras through 35S NVR
- Dual monitors configurable to display live view, tour, E-map or event views
- Supports smooth live view and playback during failover.



- Editable display information on liveview
- End to end HTTPs stream encryption
- Video recording and playback management
- Supports full functionality to add and configure devices, manage events, and video streaming settings for both IPv4 and IPv6 protocols.

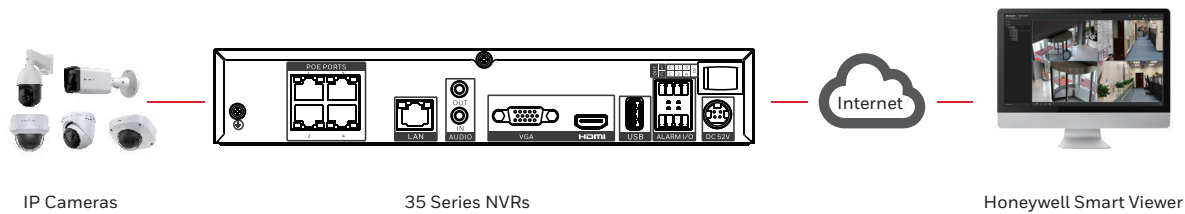


- Event management and event trigger
- Device management
- PTZ Control
- MFZ and digital zoom
- Fisheye dewarping
- E-map

Honeywell

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	64 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 Dashboard	Device status, CPU status, Memory 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, E-PTZ, Fisheye tool
Video Playback	Device itself
Max Playback Channels	16
Search Type	Time line, Out grid, Event search
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	Camera alarm in, Video loss, Audio detection, Temperature threshold alarm, Temperature threshold warning, Temperature difference alarm, Temperature difference warning, Temperature section alarm, Temperature rise alarm, Temperature rise warning, Face detection, Motion detection, Smart motion detection, Scene change, Smoker detection, Smoke and flame detection, Fire spot detection, Intrusion, Line crossing detection, Unattended object detection, Missing object detection, Wrong way detection, Multi loitering, People counter, Illegal access, System alarm in, Device offline, Disk error, Disk full, Failover alarm, Power alarm, NAS offline, Auto backup failed, RAID destroy, RAID warning, RAID rebuild start and complete
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: Monterey 12.6, Ventura 13.0, or above
Screen Resolution	720P or above

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

**It is supported in Windows.

SMART VIEWER FOR 35 SERIES NVRs

ORDERING

HN35 eNVR - 4 / 8 / 16 Channel

HN35040100	4 Chs NVR, PoE, 0 TB, 1 SATA
HN35040101	4 Chs NVR, PoE, 1 TB, 1 SATA
HN35040102	4 Chs NVR, PoE, 2 TB, 1 SATA
HN35040104	4 Chs NVR, PoE, 4 TB, 1 SATA
HN35040106	4 Chs NVR, PoE, 6 TB, 1 SATA
HN35040108	4 Chs NVR, PoE, 8 TB, 1 SATA
HN35040110	4 Chs NVR, PoE, 10 TB, 1 SATA
HN35040112	4 Chs NVR, PoE, 12 TB, 1 SATA
HN35040114	4 Chs NVR, PoE, 14 TB, 1 SATA
HN35040118	4 Chs NVR, PoE, 18 TB, 1 SATA
HN35080200	8 Chs NVR, PoE, 0 TB, 2 SATA
HN35080202	8 Chs NVR, PoE, 2 TB (1 x 2 TB), 2 SATA
HN35080204	8 Chs NVR, PoE, 4 TB (1 x 4 TB), 2 SATA
HN35080208	8 Chs NVR, PoE, 8 TB (1 x 8 TB), 2 SATA
HN35080210	8 Chs NVR, PoE, 10 TB (1 x 10 TB), 2 SATA
HN35080212	8 Chs NVR, PoE, 12 TB (1 x 12 TB), 2 SATA
HN35080214	8 Chs NVR, PoE, 14 TB (1 x 14 TB), 2 SATA
HN35080216	8 Chs NVR, PoE, 16 TB (2 x 8 TB), 2 SATA
HN35080218	8 Chs NVR, PoE, 18 TB (1 x 18 TB), 2 SATA
HN35160200	16 Chs NVR, PoE, 0 TB, 2 SATA
HN35160204	16 Chs NVR, PoE, 4 TB (1 x 4 TB), 2 SATA
HN35160208	16 Chs NVR, PoE, 8 TB (1 x 8 TB), 2 SATA
HN35160210	16 Chs NVR, PoE, 10TB (1 x 10 TB), 2 SATA
HN35160212	16 Chs NVR, PoE, 12 TB (1 x 12 TB), 2 SATA
HN35160214	16 Chs NVR, PoE, 14 TB (1 x 14 TB), 2 SATA
HN35160216	16 Chs NVR, PoE, 16 TB (2 x 8 TB), 2 SATA
HN35160218	16 Chs NVR, PoE, 18 TB (1 x 18 TB), 2 SATA
HN35160220	16 Chs NVR, PoE, 20 TB (2 x 10 TB), 2 SATA

HN35 PLUS MAXPRO Cloud - 8 / 16 Channel

HN35080200C	8 Chs NVR, PoE, 0 TB, 2 SATA, MPC
HN35080202C	8 Chs NVR, PoE, 2 TB (1 x 2 TB), 2 SATA, MPC
HN35080204C	8 Chs NVR, PoE, 4 TB (1 x 4 TB), 2 SATA, MPC
HN35080208C	8 Chs NVR, PoE, 8 TB (1 x 8 TB), 2 SATA, MPC
HN35080210C	8 Chs NVR, PoE, 10 TB (1 x 10 TB), 2 SATA, MPC
HN35080212C	8 Chs NVR, PoE, 12 TB (1 x 12 TB), 2 SATA, MPC
HN35080214C	8 Chs NVR, PoE, 14 TB (1 x 14 TB), 2 SATA, MPC
HN35080216C	8 Chs NVR, PoE, 16 TB (2 x 8 TB), 2 SATA, MPC
HN35080218C	8 Chs NVR, PoE, 18 TB (1 x 18 TB), 2 SATA, MPC
HN35160200C	16 Chs NVR, PoE, 0 TB, 2 SATA, MPC
HN35160204C	16 Chs NVR, PoE, 4 TB (1 x 4 TB), 2 SATA, MPC
HN35160208C	16 Chs NVR, PoE, 8 TB (1 x 8 TB), 2 SATA, MPC
HN35160210C	16 Chs NVR, PoE, 10 TB (1 x 10 TB), 2 SATA, MPC
HN35160212C	16 Chs NVR, PoE, 12 TB (1 x 12 TB), 2 SATA, MPC
HN35160214C	16 Chs NVR, PoE, 14 TB (1 x 14 TB), 2 SATA, MPC
HN35160216C	16 Chs NVR, PoE, 16 TB (2 x 8 TB), 2 SATA, MPC
HN35160218C	16 Chs NVR, PoE, 18 TB (1 x 18 TB), 2 SATA, MPC
HN35160220C	16 Chs NVR, PoE, 20 TB (2 x 10 TB), 2 SATA, MPC

SMART VIEWER FOR 35 SERIES NVRs

ORDERING

HN35 PLUS MAXPRO Cloud - 8 / 16 Channel

HN35160400C	16 Chs NVR, PoE, 0 TB, 4 SATA, MPC
HN35160404C	16 Chs NVR, PoE, 4 TB (1 x 4 TB), 4 SATA, MPC
HN35160408C	16 Chs NVR, PoE, 8 TB (1 x 8 TB), 4 SATA, MPC
HN35160410C	16 Chs NVR, PoE, 10 TB (1 x 10 TB), 4 SATA, MPC
HN35160412C	16 Chs NVR, PoE, 12 TB (1 x 12 TB), 4 SATA, MPC
HN35160414C	16 Chs NVR, PoE, 14 TB (1 x 14 TB), 4 SATA, MPC
HN35160416C	16 Chs NVR, PoE, 16 TB (2 x 8 TB), 4 SATA, MPC
HN35160418C	16 Chs NVR, PoE, 18 TB (1 x 18 TB), 4 SATA, MPC
HN35160420C	16 Chs NVR, PoE, 20 TB (2 x 10 TB), 4 SATA, MPC

HN35 PLUS - 32 Channel

HN35320400	32 Chs NVR, 16 Chs PoE, 0 TB, 4 SATA
HN35320404	32 Chs NVR, 16 Chs PoE, 4 TB (1 x 4 TB), 4 SATA
HN35320408	32 Chs NVR, 16 Chs PoE, 8 TB (1 x 8 TB), 4 SATA
HN35320410	32 Chs NVR, 16 Chs PoE, 10 TB (1 x 10 TB), 4 SATA
HN35320412	32 Chs NVR, 16 Chs PoE, 12 TB (1 x 12 TB), 4 SATA
HN35320414	32 Chs NVR, 16 Chs PoE, 14 TB (1 x 14 TB), 4 SATA
HN35320416	32 Chs NVR, 16 Chs PoE, 16 TB (2 x 8 TB), 4 SATA
HN35320418	32 Chs NVR, 16 Chs PoE, 18 TB (1 x 18 TB), 4 SATA
HN35320420	32 Chs NVR, 16 Chs PoE, 20 TB (2 x 10 TB), 4 SATA

HN35 PRO - 16 / 32 / 64 Channel

HN35160492R	16 Chs NVR, PoE, 4 SATA, 16 TB (4 x 4 TB), RAID
HN35160494R	16 Chs NVR, PoE, 4 SATA, 48 TB (4 x 12 TB), RAID
HN35320492NR	32 Chs NVR, 4 SATA, 16 TB (4 x 4 TB), non-PoE, RAID
HN35320494NR	32 Chs NVR, 4 SATA, 48 TB (4 x 12 TB), non PoE, RAID
HN35640492NR	64 Chs NVR, 4 SATA, 16 TB (4 x 4 TB), non-PoE, RAID
HN35640494NR	64 Chs NVR, 4 SATA, 48 TB (4 x 12 TB), non-PoE, RAID
HN35320892NR	32 Chs NVR, 8 SATA, 16 TB (4 x 4 TB), non-PoE, RAID
HN35320893NR	32 Chs NVR, 8 SATA, 32 TB (4 x 8 TB), non-PoE, RAID
HN35320894NR	32 Chs NVR, 8 SATA, 48 TB (4 x 12 TB), non-PoE, RAID
HN35640892NR	64 Chs NVR, 8 SATA, 16 TB (4 x 4 TB), non-PoE, RAID
HN35640893NR	64 Chs NVR, 8 SATA, 32 TB (4 x 8 TB), non-PoE, RAID
HN35640894NR	64 Chs NVR, 8 SATA, 48 TB (4 x 12 TB), non-PoE, RAID
HN35640895NR	64 Chs NVR, 8 SATA, 72 TB (6 x 12 TB), non-PoE, RAID

SMART VIEWER FOR 35 SERIES NVRs

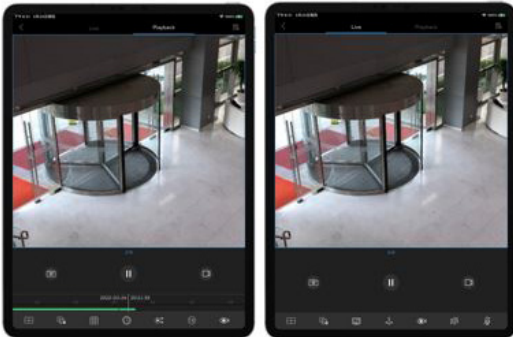
DOWNLOAD HSV



HSV
Productivity

OPEN

Computer version available on buildings.honeywell.com/security



HEVC^{Advance™}

For more information:

buildings.honeywell.com/security

Honeywell Commercial Security

715 Peachtree St. NE

Atlanta, GA 30308

1.800.323.4576

www.honeywell.com

Android™ is a trademark or registered trademark of Google Inc. in the United States and/or other countries.

Apple® is a trademark or registered trademark of Apple, Inc. in the United States and/or other countries.

Intel® and Core™ are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and/or other countries.

Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

ONVIF and the ONVIF logo are trademarks of ONVIF Inc.

HEVC Advance logo is a trademark of HEVC Advance.

Honeywell reserves the right, without notification, to make changes in product design or specifications.

HBA-SEC-35HSV-DS-US-EN-09-2025-V03 Y
© 2025 Honeywell International Inc.