

# 35 SERIES HN35 PLUS MPC

## 8/16 Ch 4K Embedded Network Video Recorder -MAXPRO® Cloud Ready

MAXPRO Cloud is a fully integrated Video, Access Control and Intrusion Security as a Service Platform, MAXPRO Cloud makes multi-site building security simple and scalable. Users can manage their security system from anywhere at any time via a standard web browser or via our fully integrated innovative app.

Remote configuration and management of sites, devices, schedules and users improves situational awareness, reduces operational costs and streamlines efficiencies across multi-site installations

Our cloud ready range of ENVR's makes installation easy with plug and play connectivity, auto registration of cameras and cloud-based configuration, reducing your creation costs and installation time.

The 35 Series HN35 Plus MPC NVR is both cyber secure by design and NDAA compliant and is camera to cloud secure with HTTPS streaming across all channels and remote firmware management and updates.



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REMOTE FACILITIES



SCHOOLS AND CAMPUSES



WAREHOUSE



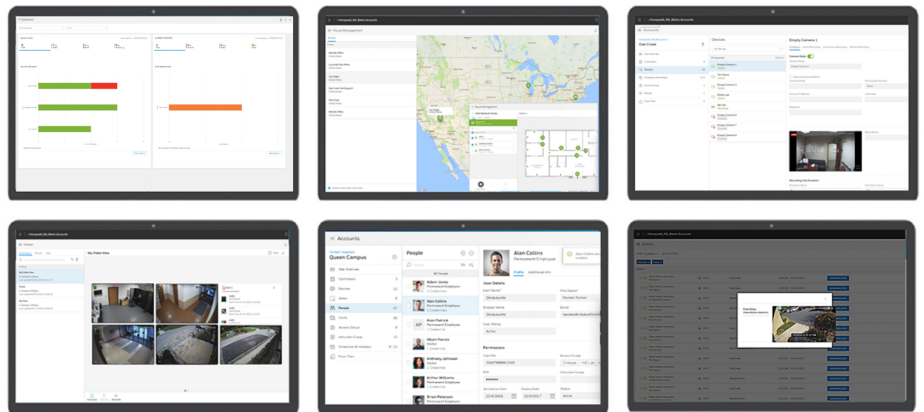
MULTI-TENANT

# 35 SERIES HN35 PLUS MPC EMBEDDED NVR

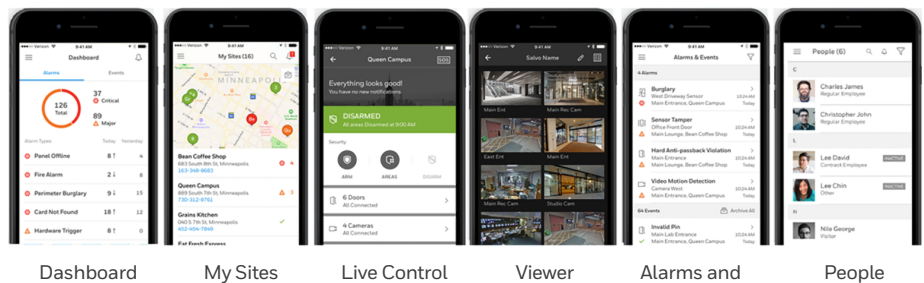
## SYSTEM BENEFITS

- Secure cloud-based multi-site managed video
- Plug and play cloud ready ENVRs 8 and 16 Ch
- Multi-site video deployments made easy with cloud-based configuration and management
- Multi-site video from anywhere via standard web browser
- Easy Integration to Access control, door and camera associations
- Fully integrated multisite management via app for iOS and Android
- Local and Cloud based storage of video at your fingertips
- Fully scalable architecture with distributed deployment
- Real time notifications with video clips and associated access events
- Remote configuration reduces truck roles
- Multisite remote f/w updates keeps system up to date and cyber secure
- Health and status of cameras and devices across all customer locations
- Easy to install and cost effective for small to medium enterprise

- Configure, manage and control multi-site locations remotely
- Map based and fully scalable
- Multi-site integrated Viewer for access and video
- Video review of local and cloud storage
- Global user access management
- Door and camera association
- Arm and Disarm Site, Lock and Unlock Doors



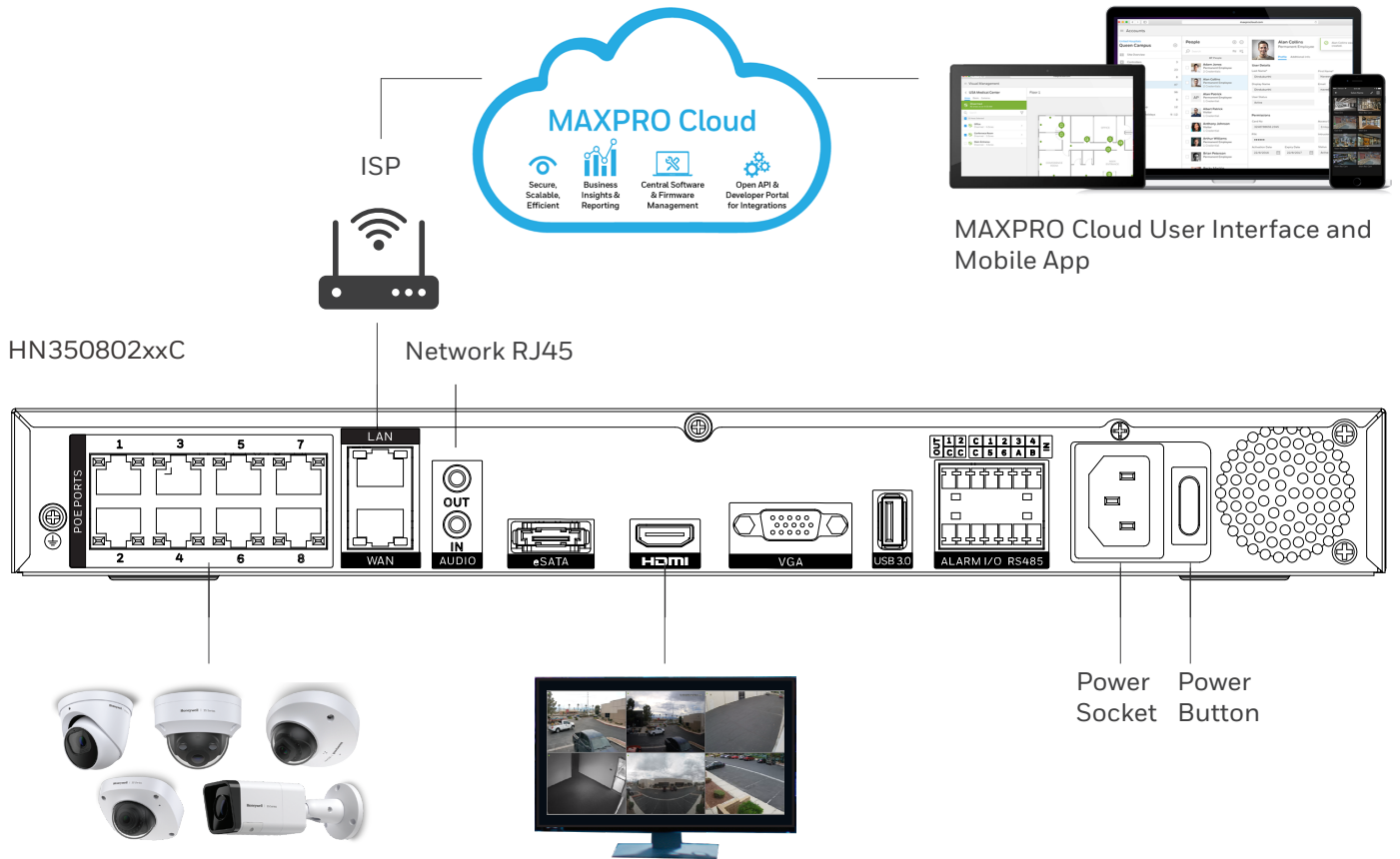
- Available on iOS and Android
- Fully integrated app for multi-site management and control
- Real time notifications and events
- Control user access across multi-sites
- Review live and recorded video
- See associated doors and cameras
- Arm and Disarm Site, Lock and Unlock Doors



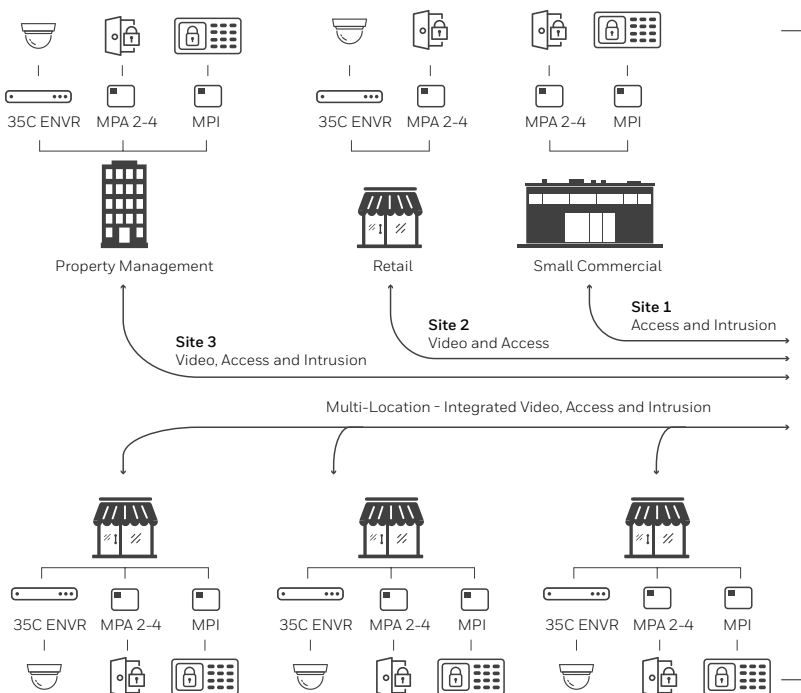
Dashboard      My Sites      Live Control      Viewer      Alarms and Events      People

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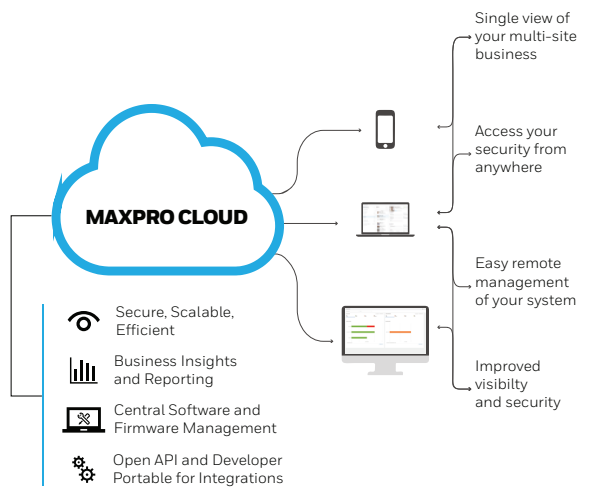
## MAXPRO CLOUD SYSTEM OVERVIEW



### Cloud-Ready, Plug and Play, Flexible and Scalable



### Accessible Anytime, Anywhere



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## MAXPRO CLOUD TECHNICAL SPECIFICATIONS

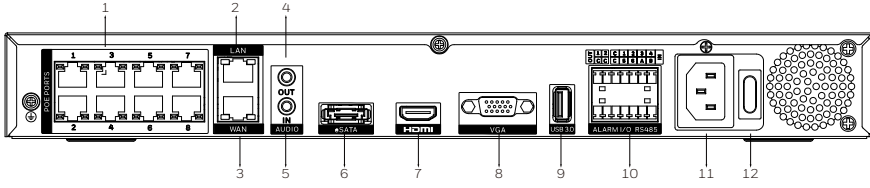
SYSTEM	
MAIN PROCESSOR	ARM Processor
OPERATING SYSTEM	EMBEDDED LINUX
ONVIF COMPLIANCE	ONVIF PROFILE S
VIDEO	
IP CAMERA INPUTS	8 / 16 Channels
SECURITY	
IP CAMERA INPUTS	NDA Section 889 Compliant
ENCRYPTION	Trusted Platform Module (TPM)
MAXPRO CLOUD (WEB/MOBILE)	HTTPS Login, User based privilege
WEB CLIENT SYSTEM	
BROWSERS	Chrome
OPERATING SYSTEM	Windows, MAC
MOBILE	IOS, Android
SECURITY	HTTPS Login, User based privilege
LIVE VIEW	
SECONDARY STREAM	H.264 Live Video
STREAMING	RTMP, Image Streaming
RESOLUTIONS	720p, D1, CIFStreaming MSE
FRAME RATE	Up to 30FPS
NUMBER OF LIVE SESSIONS	Unlimited
SALVO VIEW	1/4/6/8 (Configurable)
SITES IN SALVOS	Multi-site
ON-SITE RECORDING	
PRIMARY STREAM	H.264 Recorded Video
RESOLUTIONS	Up to 8MP
FRAME RATE	Up to 30FPS
RECORDING MODE	VMS, Input Trigger, Rule Trigger, User Trigger, Schedule recording (24*7)
RECORDING DURATION	Pre-event + Event duration + Post-event
PRE-EVENT	5 secs Max
POST-EVENT	30, 40, 50, 60 Secs
ON-SITE PLAYBACK SESSION	8 CH - 8 / 16 CH - 10
OFF-SITE RECORDING	
PRIMARY STREAM	H.264 video push
STREAMING	HLS Streaming
RESOLUTIONS	Up to 4K
FRAME RATE	Up to 30FPS
RECORDING ODE	VMS, Input Trigger, Rule Trigger, User Trigger
EVENT RECORDING DURATION	Pre-event + Event duration + Post-event
PRE-EVENT	5 secs Max
POST-EVENT	30, 40, 50, 60 Secs
CLOUD STORAGE (DAYS)	7, 30, 60, 90, 180, 365, FIFO
MAX NO OF STREAMING CLIENTS	Unlimited

STORAGE	
INTERNAL HDD	HN350802xxC/HN351602xxC: Internal x 2 (3.5") HN351604xxC: Internal x 4 (3.5")
HDD MAX CAPACITY	10 TB
CLOUD (OFF-SITE)	EVENT CLIPS (7, 30, 60, 90, 180, 365 DAYS)
VIDEO SEARCH, PLAYBACK, CLIP REPORT	
VIDEO SEARCH, PLAYBACK, CLIP REPORT	VMD, Input Trigger, Rule Trigger, User Trigger
EVENT SEARCH	Playback from Alarms
PLAYBACK FUNCTION	Play, Pause, Jump Forward or Reverse
CLIP EXPORT	Onsite, Offsite
SITE CONFIGURATION	
CUSTOMER / ACCOUNT	
SITE OR GROUP	
MULTIPLE DEVICE	(Video/Access , under same site)
PEOPLE	(Users with different access level)
LOCATION ON MAP	
TIME ZONE	
FIRMWARE PUSH TO DEVICE	
FLOOR MAP	
REBOOT DEVICE	
UPDATE DEVICE PASSWORD	
SYNC DEVICE	
CAMERA CONFIGURATION	
RECORDING PRE-EVENT, POST EVENT	
ADD DISCOVERED NETWORK CAMERAS	
RESOLUTION, FPS	(Primary and Secondary Streams)
RECORDING SCHEDULE	(Continuous and Event)
ALARM RULES	
I/O CONFIGURATION	
STORAGE INFO/FORMAT	
VMD CONFIGURATION	Enable VMD and Region from ENVR Local View
OFFLINE CONFIGURATION DOWNLOAD	Not yet supported
EVENTS	
VMD, ALARM INPUT TRIGGER RULE-BASED TRIGGER	
ALARM NOTIFICATIONS	
EMAIL WITH CLIP ATTACHMENT UPON ALARM	
PUSH NOTIFICATION TO MOBILE DEVICES	
LOCAL DISPLAY	
DISPLAY SPLIT CONFIGURABLE	
1, 4, 8, 9, 16 CHANNEL DISPLAY	
INTERFACE 1 HDMI; 1VGA	
REGULATORY	
EMISSIONS	FCC Part 15G, CE EN55022
IMMUNITY	CE EN50130-4
SAFETY	EU: EN60950-1 North America UL Listed to UL/CSA 60950-1

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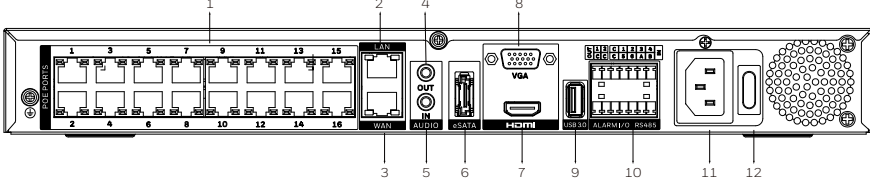
## SYSTEM DIAGRAM

HN350802xxC



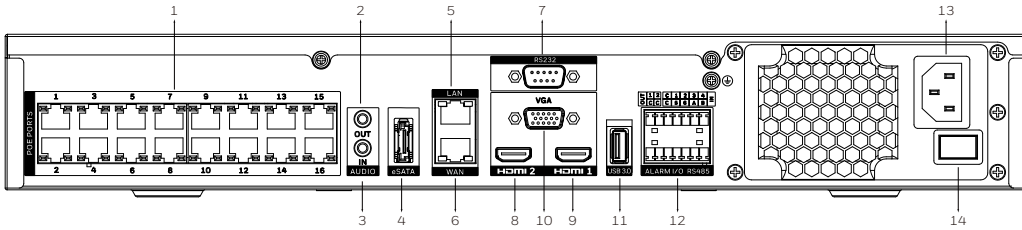
- 1. PoE Ports 2. LAN Port 3. WAN Port 4. Audio Out 5. Audio In 6. eSATA Port 7. HDMI Port 8. VGA Port 9. USB Port 10. Alarm Input/Output
- 11. Power Input 12. Power Switch

HN351602xxC



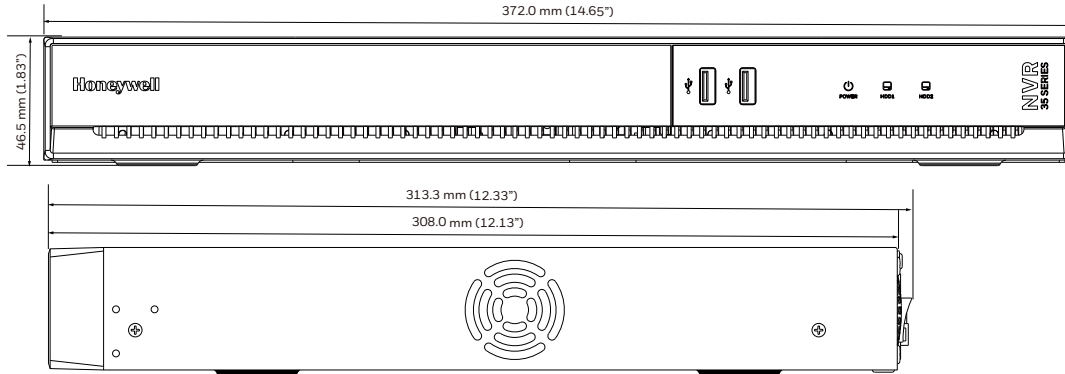
- 1. PoE Ports 2. LAN Port 3. WAN Port 4. Audio Out 5. Audio In 6. eSATA Port 7. HDMI Port 8. VGA Port 9. USB Port 10. Alarm Input/Output
- 11. Power Input 12. Power Switch

HN351604xxC

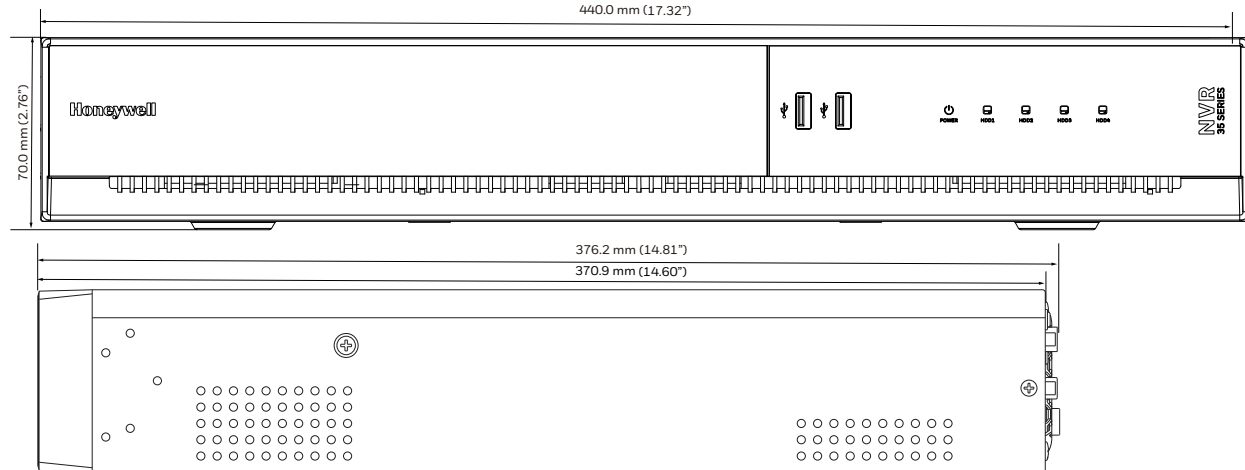


- 1. PoE Ports 2. Audio Out 3. Audio In 4. eSATA Port 5. LAN Port 6. WAN Port 7. RS232 Port 8. HDMI 2 Port 9. HDMI 1 Port 10. VGA Port 11. USB Port 12. Alarm Input/Output
- 13. Power Input 14. Power Switch

HN350802xxC/HN351602xxC



HN351604xxC/HN353204xx



# 35 SERIES HN35 PLUS MPC EMBEDDED NVR

## BANDWIDTH, STORAGE AND RECORDING QUICK REFERENCE GUIDE

BANDWIDTH REQUIREMENTS AT LOCAL SITE																		
EVENT-BASED CLOUD STORAGE																		
CHANNELS	4 CHANNEL						8 CHANNEL						16 CHANNEL					
CLOUD-RECORDED CAMERAS	1			4			2			8			4			16		
RECORDING RESOLUTION	CIF	1080p	4k	CIF	1080P	4K	CIF	1080P	4K	CIF	1080P	4K	CIF	1080P	4K	CIF	1080P	4K
RECORDING FRAME RATE	30	30	15FPS	30	30	15FPS	30	30	15FPS	30	30	15FPS	30	30	15FPS	30	30	15FPS
LIVE VIEW RESOLUTION	CIF	4CIF	4CIF	CIF	4CIF	4CIF	CIF	4CIF	4CIF	CIF	4CIF	4CIF	CIF	4CIF	4CIF	CIF	4CIF	4CIF
LIVE VIEW FRAME RATE	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
RECOMMENDED UPLOAD BANDWIDTH	1 - 3 mbps		1 - 4 mbps	2 - 4 mbps		2 - 8 mbps	1 - 4 mbps		1 - 6 mbps	3 - 8 mbps		4 - 16 mbps	2 - 8 mbps		2 - 8 mbps	4 - 16 mbps		8 - 32 mbps

ON-SITE STORAGE						
CONTINUOUS RECORDING PLUS EVENT-BASED						
NUMBER OF CAMERAS	4 CHANNEL		8 CHANNEL		16 CHANNEL	
HARD DRIVES	(CIF) 15FPS	IP (1080P) 15FPS	(CIF) 15FPS	IP (1080P) 15FPS	(CIF) 15FPS	IP (1080P) 15FPS
1 TB	120D	6D	60D	3D	30D	1.5D
2 TB	240D	12D	120D	6D	60D	3D
4 TB	480D	24D	240D	12D	120D	6D
6 TB	720D	36D	360D	18D	180D	9D
12 TB	1440D	72D	720D	36D	360D	18D

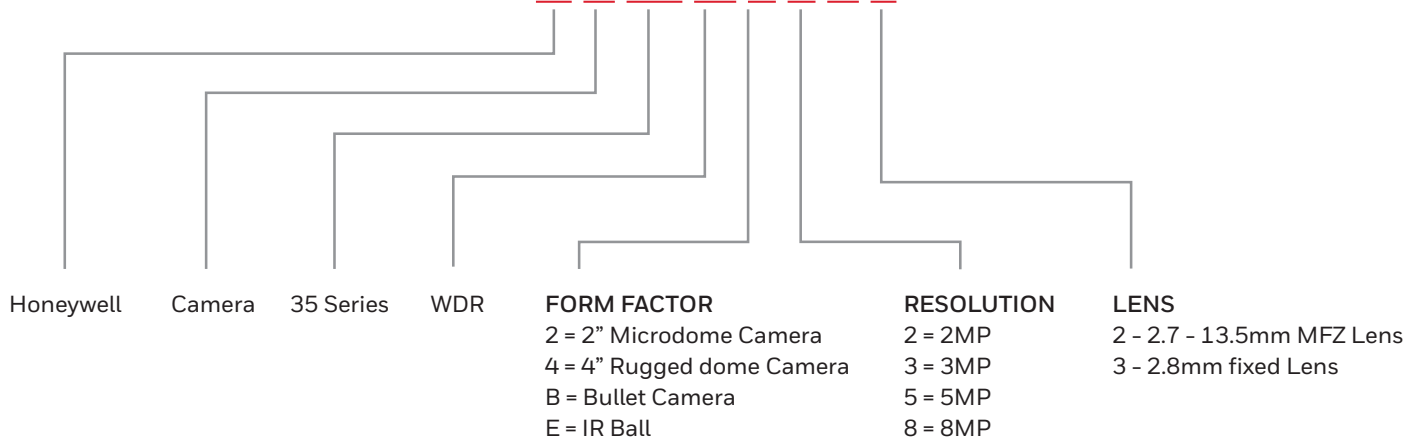
CLOUD STORAGE	
MOTION/EVENT-BASED RECORDING	
EVENT/TRIGGER	Motion Based, Input Trigger, Schedule (Configured In Rules)
RESOLUTION	Up To 4K
FRAME RATE	Up To 15FPS for 4K, 30FPS for 1080P
PRE-EVENT RECORDING	MAX 5 Seconds
POST-EVENT RECORDING	30, 40, 50, 60 Secs
EMAIL AND PUSH NOTIFICATION	Email With Clip Attachment/Mobile Push Notification Ios/Android
NUMBER OF DAYS OF STORAGE	7, 30, 60, 180, 365 Days (Event Clips)
MOTION CONFIGURATION	Cloud based motion configuration for Series 35 cameras Performance, 30 and 60 Series, motion is configured locally on the camera

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## RECOMMENDED CAMERAS

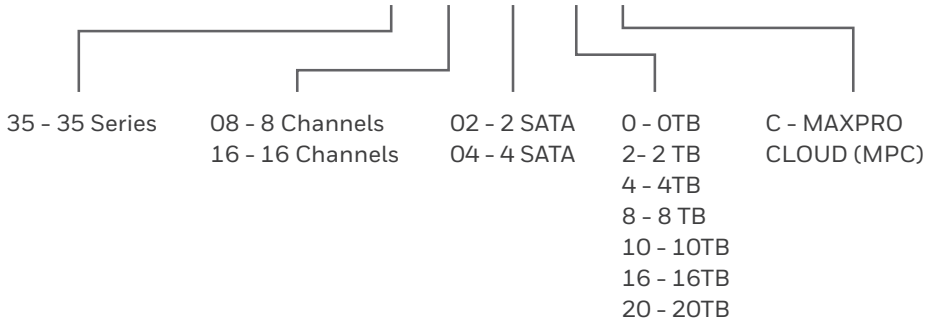


**H C 35 W 4 5 R 2**



FORM FACTOR	MFZ LENS	FIXED LENS
<b>35 SERIES IP CAMERAS</b>		
<b>MICRO DOME</b>		HC35W25R3
<b>RUGGED DOME</b>	HC35W43R2, HC35W45R2, HC35W48R2	HC35W43R3, HC35W45R3, HC35W48R3
<b>BULLET</b>	HC35WB3R2, HC35WB5R2, HC35WB8R2	HC35WB3R3, HC35WB5R3, HC35WB8R3
<b>BALL</b>	HC35WE3R2, HC35WE5R2, HC35WE8R2	HC35WE3R3, HC35WE5R3, HC35WE8R3

# HN35 16 04 20 C



ORDERING	
MODEL#	DESCRIPTION
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

**For More Information**

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**Honeywell Building Technologies**

Building 5 Carlton Park  
 King Edward Avenue  
 Narborough, Leicester LE19 0AL  
 Tel: +44 (0)1163 500714  
[www.honeywell.com](http://www.honeywell.com)

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 IS  
 WHAT  
 WE  
 MAKE IT**

