

MAXPRO® NVR XE

8/16/24 Channel Entry Level NVR



5 YEAR
WARRANTY

OPERATIONAL	
MAXPRO NVR SOFTWARE - VERSION 7.9	
DATABASE	Microsoft® SQL Server® 2019 Express
OPERATING SYSTEM	Windows 10 LTSC 2021
IMAGE COMPRESSIONS SUPPORTED	MJPEG, MPEG-4, H.264, H.265
SUPPORTED HONEYWELL IP CAMERAS AND ENCODERS	Supports Honeywell's 30 / 35 / 60 / 70 Series IP cameras
SUPPORTED THIRD PARTY IP CAMERAS AND ENCODERS	Refer to the MAXPRO® NVR Compatibility on our website for a comprehensive list of compatible products to which this device is integrated
AUDIO SUPPORT	2-way audio support for compatible cameras
MAXIMUM NUMBER OF DESKTOP CLIENT CONNECTIONS	Desktop Client - 38 per unit from 19 remote workstations + 1 local on NVR
SALVO LAYOUTS	Desktop Client - Full, 2x2, 1x5, 3x3, 2x8, 1x12, 4x4. Web Client - 2x2.1x1, 1x2, 1x3. Mobile app device - 3x3, 2x2, 2x4, 1x2, 1x1.
PICTURE CONTROLS PER CAMERA	Sharpness, blur, brightness, contrast, hue, saturation, maintain aspect ratio, stretched, original size and picture mirror
OSD	Concealed text option
PLAYBACK CONTROLS PER CAMERA - DESKTOP CLIENT	FWD/REV Play x (1, 2, 4, 8, 16) Slow FWD/REV Play x (1/2, 1/4, 1/8)
SEARCH TYPES	Time/date timeline, time jump FWD/REV, bookmarks, calendar, preview, film strip, event search and SMART Motion Search
RECORDING SCHEDULE	Continuous and event based with H/M/D and holiday and exception days
RECORDING METHODS PER CAMERA	Continuous, event based and user activated
LIVE SETTINGS PER CAMERA	Compression format, resolution and frame rate
RECORD SETTINGS PER CAMERA	Same as live or can be a separate stream configuration
CLIP FORMAT	Honeywell MPVC and SMPVC playable with standalone MAXPRO Clip Player for faster and secure exports. WMV with digital certificate for authentication playable with Windows media player. ASF for faster exporting of longer than an hour backup clips in native compression format.
VIDEO CLIP AUTHENTICATION	Digital signature, verification tool provided
MOTION DETECTION	Camera based for supported models or Server based (SMART VMD) for all models (except 360 fisheye /panomorph views)
EVENT RECORDING	Configurable pre and post duration setting for event recording
EVENT REPORTING	Reporting done per camera and recorder
OPERATORS	1024 operators across all recorders

OPERATIONAL	
MAXPRO NVR XE HARDWARE	
PROCESSOR	12th Generation Intel Core i5-12400 processor, up to 4.4 GHz
MEMORY	16GB DDR4-3200MHz (UDIMM)
POWER SUPPLY	260W
OS DRIVE	256GB SSD M.2
STORAGE HARD DRIVE OPTIONS	4TB, 8TB, 12TB, 18TB, 22TB
NETWORK	Two 1 GB Ethernet included
AUDIO	Line IN, Line Out and MIC In
TPM	TPM 2.0
REAR/FRONT PANEL CONNECTIONS	
MOUSE AND KEYBOARD	USB (Mouse and Keyboard included)
USB	Front: 4x USB 3.2, 1x USB-C; Rear: 4x USB 2.0
NETWORK	1 x RJ45
MONITOR OUTPUT	HDMI 2.1 TMDs, 2x DisplayPort 1.4
ELECTRICAL	
INPUT VOLTAGE	100-240V, 50-60Hz
OPERATING VOLTAGE	120/240V Auto-sensing
POWER DISSIPATION	Average BTU rating = 300 BTU/HR Peak BTU rating = 1100 BTU/HR
MECHANICAL	
CONSTRUCTION	Black Matte Paint
DIMENSIONS (W X H X D)	13.4" x 3.7" x 11.7" (340 mm x 93mm x 298 mm)
WEIGHT	11.7 lbs (5.3 kg)
ENVIRONMENTAL	
OPERATING TEMPERATURE	Operating: 41°F to 95°F (5°C to 35°C) Storage: -40°F to 140°F (-40°C to 60°C)
RELATIVE HUMIDITY	20% to 80% (non-condensing)
OTHER	
WARRANTY	5 years
COUNTRY OF ORIGIN	Mexico (US); Hungary (Europe)
RECORDING AND MONITORING PERFORMANCE	
480 fps @ 1080p (8.0 Mbps bitrate) HD. 1-way audio for up to 128 IP channels / 720 fps @ 1080p (5.3 Mbps bitrate) HD. 1-way audio for up to 24 IP channels Network bandwidth/throughput: 384 Mbps. Rendering performance using CPU of up to 4 1080p HD @ 30 fps/120 fps on local client.	

MAX VIDEO STREAMS SUPPORT	Desktop Client: Live - 512 streams, Playback/Video retrieval sessions - 64, Sync playback - 9 streams. 512 live streams limit excludes 1 stream used per camera if Smart VMD is enabled. Maximum live streams per camera is 15 with Smart VMD enabled. Mobile App: 16 streams of 1080p HD @ 5 fps each. Note: During archival operations, maximum no of playback streams recommended from Desktop Client and Web Client is 16 streams.
ARCHIVAL PERFORMANCE	8 channels @ 4 Mbps / 32 Mbps total archival bandwidth while recording 24 channels @ 128 Mbps. Outgoing archival + playback throughput of 128 Mbps. Total outgoing throughput 256 Mbps.
MULTI-STREAM PERFORMANCE	Support for max 3 streams per camera, or maximum 48 streams. The support is for configuring 1 preferred stream for continuous recording and 2 preferred streams for live video / motion based recording per camera.
SERVER BASED VMD (SMART VMD) PERFORMANCE - CHANNELS SUPPORTED	All 8 or 16 channels supported at 480 fps @ 4CIF/VGA or 480 fps @ 720p HD or 480 fps @ 1080p HD or total 32 Megapixel.

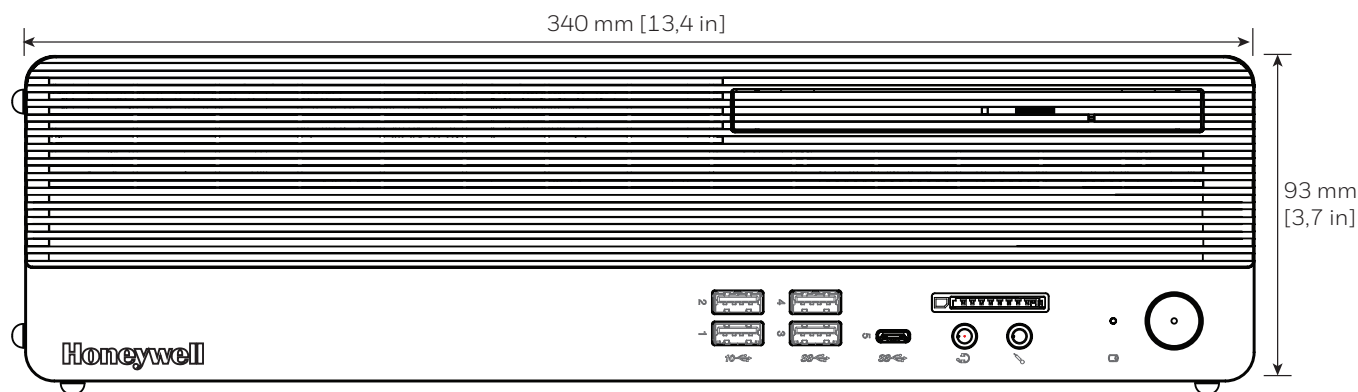
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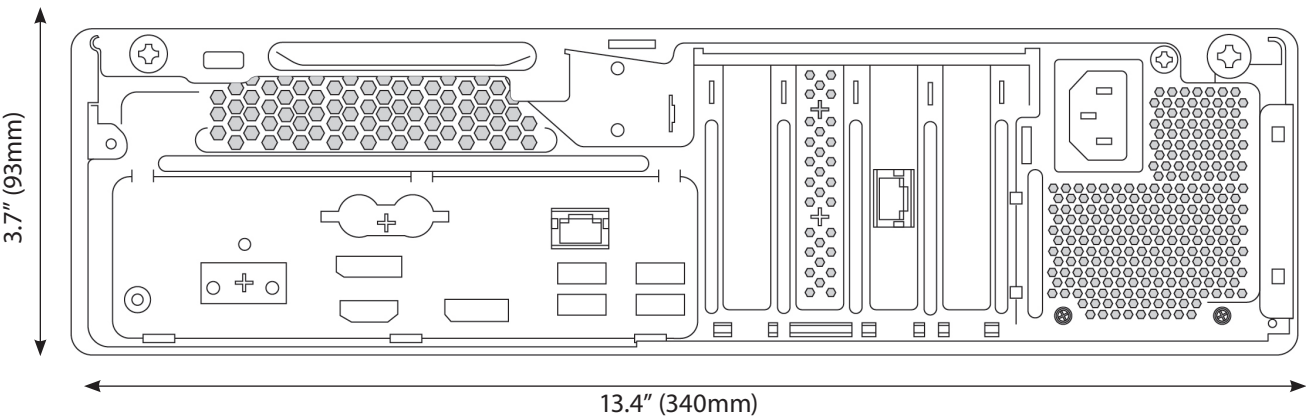
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DIMENSIONS

Front View

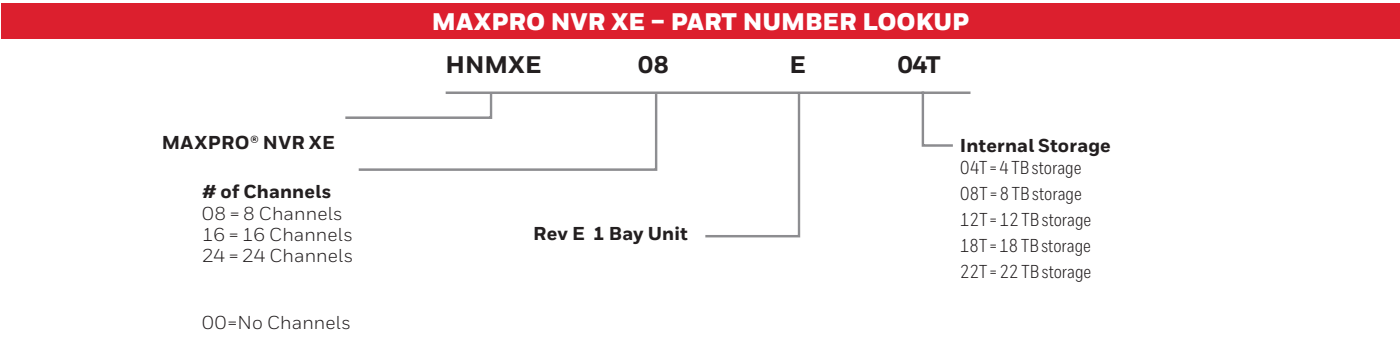


Rear View



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ORDERING	
MAXPRO NVR XE - 8 CHANNELS	
HNMXE08E04T4	8CH, 1x4TB HDD
HNMXE08E08T8	8CH, 1x8TB HDD
HNMXE08E12T12	8CH, 1x12TB HDD
HNMXE08E16T16	8CH, 1x16TB HDD
HNMXE08E20T20	8CH, 1x20TB HDD
MAXPRO NVR XE - 16 CHANNELS	
HNMXE16E04T4	16CH, 1x4TB HDD
HNMXE16E08T8	16CH, 1x8TB HDD
HNMXE16E12T12	16CH, 1x12TB HDD
HNMXE16E16T16	16CH, 1x16TB HDD
HNMXE16E20T20	16CH, 1x20TB HDD
MAXPRO NVR XE - 24 CHANNELS	
HNMXE24E04T4	24CH, 1x4TB HDD
HNMXE24E08T8	24CH, 1x8TB HDD
HNMXE24E12T12	24CH, 1x12TB HDD
HNMXE24E16T16	24CH, 1x16TB HDD
HNMXE24E20T20	24CH, 1x20TB HDD

MAXPRO NVR XE- 0 CHANNELS	
HNMXE00E00T0	XE NVR 1 x 0TB HDD, No Channels
HNMXE00E04T4	XE NVR 1 x 4TB HDD, No Channels
HNMXE00E08T8	XE NVR 1 x 8TB HDD, No Channels
HNMXE00E12T12	XE NVR 1 x 12TB HDD, No Channels
HNMXE00E18T18	XE NVR 1x18TB HDD, No Channels
HNMXE00E22T22	XE NVR 1 x 22TB HDD, No Channels
UPGRADE SKUS FOR MAXPRO NVR XE - REV E	
HNMSXDHD4T	4 TB HDD Upgrade Kit
HNMSXDHD8T	8 TB HDD Upgrade Kit
HNMHD12T-E *	12TB SATA Upgrade Kit MAXPRO NVR, Rev E
HNMHD18T-E *	18TB SATA Upgrade Kit MAXPRO NVR, Rev E
HNMHD22T-E *	22TB SATA Upgrade Kit MAXPRO NVR, Rev E
* Enterprise-grade hard drives	
MAXPRO NVR XE - CHANNEL UPGRADE LICENSES **	
HNMO1UP	NVR 1 Channel License Upgrade
** NOTE: When ordering channel license upgrades, order above SKU/part# and total quantity of channels per NVR. For MAXPRO XE, add support for up to 24 total channels for each NVR.	
3RD PARTY I/O MODULE INTEGRATION	
HNMNVR3PIO	Network I/O Module
SOFTWARE MAINTENANCE & UPGRADES AGREEMENT FOR MAXPRO NVR	
SSAMPNVRCH	Annual Software Support Agreement - MAXPRO NVR system with VMS support included, per channel
SSA24MPNVRCH*	Annual 24/7 Software Support Agreement - MAXPRO NVR system with VMS support included, per channel
SSAEUMPNVRCH*	Annual End User 24/7 Software Support Agreement - MAXPRO NVR system with VMS support included, per channel
* Note: 24/7 support available for U.S., Canada and LATAM only	

For more information

buildings.honeywell.com/security

Building Automation

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