MAXPRO® NVR SE

32/48/64-Channel NVR



MAXPRO NVR SOFTWARE - VERSION 7.0 DATABASE OPERATING SYSTEM IMAGE COMPRESSIONS SUPPORTED SUPPORTED HONEYWELL IP CAMERAS AND ENCODERS Microsoft® SQL Server® 2019 Express Windows 10 IoT Enterprise for Embedded Systems MJPEG, MPEG-4, H.264, H.265 Supports Honeywell's 30 / 60 / 70 Series, Performance IP Series, equIP® Series IP cameras	OPERATIONAL		
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OPERATORS 1024	EVENT REPORT	Per camera or recorder events	
	OPERATORS	1024	

OPERATIONAL					
MAXPRO NVR SE HARDWAF	MAXPRO NVR SE HARDWARE				
PROCESSOR	Intel® Xeon™ E-2386G, 3.5 GHz				
MEMORY	16 GB (2x 8 GB) DDR4				
OS DRIVE	240 GB M.2 SSD OS drive				
STORAGE CAPACITIES	4 bays with max 20 TB SATA hard drives each				
RAID LEVELS	Support for 0, 1, 5, 6, 10, 50, and 60				
NETWORK	Two 1 GB Ethernet				
FRONT AND REAR PANEL C	ONNECTIONS				
USB	Front: 1x USB 3.0, 1x iDRAC Micro USB Rear: 5x USB 2.0, 1x USB 3.0				
NETWORK	Rear: 2x RJ45 NIC Gbps, 1x iDRAC				
MONITOR OUTPUT	1x VGA (Rear)				
ELECTRICAL					
INPUT VOLTAGE	110/220 VAC 50/60 Hz				
OPERATING VOLTAGE	110V/220V Auto Sensing				
POWER CONSUMPTION	300W				
MECHANICAL					
DIMENSIONS (W X H X D)	6.88 in x 14.17 in x 17.86 in (175 mm x 360 mm x 453.75 mm)				
WEIGHT	25.74 lbs (11.68 kg) including HDD				
ENVIRONMENTAL					
TEMPERATURE	Operating: 5° to 35° C (41° to 95° F) Storage: -40° to 65° C (-40° to 149° F)				
RELATIVE HUMIDITY	Operating: 10% - 85%, non-condensing				
REGULATORY					
EMISSIONS	CE EN 55032:2015 +A11:2020, EN 55024:2010 +A1:2015, EN 55035:2017 +A11:2020, EN 61000-3-2:2018, EN 61000-3-3:2013/A1:2019; FCC Part 15, Subpart B, Class B				
SAFETY	CE EN 62368-1:2014 +A11:2017, EN IEC 62368-1:2020 +A11:2020, EN 62311:2008; UL 62368-1				
RoHS	CE EN IEC 63000:2018				

RECORDING AND REMOTE MONITORING PERFORMANC

1920~fps @ 4 C IF/V GA~or~1920~fps @ 720 p~HD~or~1600~fps @ 1080 P~Full~HD. Network bandwidth / throughput - Incoming: 256 Mbps, Outgoing: 320 Mbps, Total 576 Mbps. Rendering performance using GPU of up to <math display="inline">4~1080 p~HD@ 30 fps /2 4 K@ 30 fps on local client. Note: Oncam Grandeye 360 Cameras are not supported with GPU rendering and use CPU rendering by default.

	MAX VIDEO STREAMS SUPPORT	Desktop Client: Live - 256 streams, Playback/Video retrieval sessions - 32, Sync playback - 9 streams. 256 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.
	SERVER BASED VMD (SMART VMD) PERFORMANCE - CHANNELS SUPPORTED	Channels at max fps: 64 ch at 1920 fps @ 4CIF/VGA or 64 ch at 1920 fps @ 720p or 64 ch at 1600 fps @ 1080p or total 100 Megapixel. All channels at fps: 64 ch at 1920 fps @ 4CIF/VGA or 1920 fps @ 720p or 1600 fps @ 1080p or total 128 Megapixel.
	ARCHIVAL PERFORMANCE	16 channels @ 4 Mbps bitrate each / 64 Mbps total archival throughput capacity. Outgoing archival storage throughput of 200 Mbps.
	MULTI-STREAM PERFORMANCE	Support for maximum 128 streams. Support for configuring 1 preferred stream for continuous recording and 1 preferred stream for live video / motion



MAXPRO® NVR SE (Standard Edition)

32/48/64-Channel Network Video Recorder (NVR)

HARDWARE FEATURES

- Provides the processor and storage enclosure in one chassis, resulting in both space and cost savings
- Record and monitor up to 64 channels at 1920 fps @ 4CIF/VGA or 1920 fps @ 720p HD or 1600 fps @ 1080p Full HD (4 Mbps bitrate) per MAXPRO NVR SE. Network bandwidth/throughput supported per NVR with Incoming: 256 Mbps, Outgoing: 320 Mbps; Total: 576 Mbps.
- Archival support of 16 channels @ 4 Mbps bitrate each/64 Mbps total archival throughput capacity per MAXPRO NVR SE, with outgoing archival storage throughput of 200 Mbps
- Multi-stream support with maximum 128 streams per MAXPRO NVR SE. Support for configuring 1 preferred stream for continuous recording and 1 preferred stream for live video / motion based recording per camera
- Supports Bi-directional Audio (for specific IP cameras) with live, playback and clip export on desktop clients for up to 64 IP channels

- Hardware RAID controller for video storage with support for 0, 1, 5, 6, 10, 50, and 60 RAID levels.
- M.2 SSD with operating system and 5 HDD bays for video storage
- Internal storage capacity up to 90 TB raw storage
- Includes dual 1 GB Network ports optimized to separate record and viewing data to ensure recording and smooth playback even with multiple client connections
- Chassis intrusion switch with AC power interlock.
 System powers down when right side cover is opened.
- Include hardware based TPM 2.0 FIPS to provide security related functions through integrated cryptographic keys.

	MAXPRO NVR SE	ERING MAXPRO NVR – CHANNEL UPGRADE LICENSES	
HNMSE00IC00T0	O Channel, No HDD O Channel, 3 x 8 TB, RAID 5	MPNVRSW1UP	MAXPRO NVR Software – 1 Channel License Upgrade to add support for up to 64 Channels per NVR
INMSE00IC32T8	0 Channel, 4 x 8 TB, RAID 5	MPNVRSW4UP	MAXPRO NVR Software – 4 Channel License Upgrade to add support for up to 64 Channels per NVR
INMSE00IC48T16 INMSE00IC64T16		MPNVRSW8UP	MAXPRO NVR Software – 8 Channel License Upgrade to add support for up to 64 Channels per NVR
HNMSE00IB80T20 0 Channel, 4 x 20 TB, RAID 5		MPNVRSW16UP	MAXPRO NVR Software – 16 Channel License Upgrade to add support for up to 64 Channels per NVR
MAXPRO NVR – SOFTWARE LICENSES		MPNVRSW32UP	MAXPRO NVR Software – 32 Channel License Upgrade to add support for up to 64 Channels per NVR
MPNVRSW4	MAXPRO NVR Software – Base Software and License for 4 Channels		
MPNVRSW8	MAXPRO NVR Software – Base Software and License for 8 Channels		
MPNVRSW16	MAXPRO NVR Software – Base Software and License for 16 Channels		

Note: The above storage capacity is for reference purpose.

The unit shall be delivered with RAID5 configuration and actual storage availability shall differ.

MAXPRO NVR Software – Base Software and License for 32 Channels

MAXPRO NVR Software - Base Software and License for 48 Channels

MAXPRO NVR Software – Base Software and License for 64 Channels

MAXPRO NVR SE - PART NUMBER LOOKUP **HNMSE** 00 IC ООТО MAXPRO® NVR SE -Internal Storage # of Channels 00T0=0TBstorage, NoHDD 00 = 00 Channels 24T8=3x8TBstorage, 8TBHDD 32T8=4x8TBstorage,8TBHDD Rev C 48T16=3x16TBstorage, 16TBHDD 64T16=4x16TBstorage, 16TBHDD 80T20=4x20TBstorage, 20TBHDD

For more information

MPNVRSW32

MPNVRSW48

MPNVRSW64

www.honeywellbuildings.in Tel: 000-8000-502167 Email: HBT-Indiabuildings@honeywell.com

Honeywell HBT India Buildings

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FUTURE IS WHAT WE MAKE IT

