

# 3VR NVR/HVR PRODUCT OVERVIEW



	<b>1100-Series 2100-Series</b>	<b>3100-Series</b>	<b>4100-Series</b>	<b>5600-Series</b>	<b>6100-Series</b>
	<i>Efficient and affordable</i>	<i>Performance and value</i>	<i>Powerful and versatile</i>	<i>High performance. High reliability.</i>	<i>High performance. High reliability.</i>

## Basic Info

<b>Hardware Type</b>	NVR	NVR	HVR or NVR	HVR or NVR	NVR
<b>Form Factor</b>	Compact	Desktop	Rackmount	Rackmount	Rackmount
<b>VMS Included</b>	VisionPoint™ VMS	VisionPoint™ VMS	VisionPoint™ VMS	VisionPoint™ VMS	VisionPoint™ VMS
<b>Analytics Included</b>	3VR Storyboard Motion Events	3VR Storyboard Motion Events	3VR Storyboard Motion Events	3VR Storyboard Motion Events	3VR Storyboard Motion Events
<b>Max Number of Analytics Supported</b>	None Depends on number, type & configuration of cameras	Depends on number, type & configuration of cameras	Depends on number, type & configuration of cameras	Depends on number, type & configuration of cameras	Depends on number, type & configuration of cameras
<b>Enterprise Connectible</b>	Yes	Yes	Yes	Yes	Yes

## Software

<b>Supported Software Versions</b>	8.1 7.3 and above	8.1	8.1	8.1	8.1
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## HVR Models Camera Info

<b>Analog Camera Inputs</b>	N/A	N/A	16 or 32	32	N/A
<b>Included IP Camera Licenses</b>	N/A	N/A	8	8	N/A
<b>Analog Video Encoding</b>	N/A	N/A	H.264	H.264	N/A
<b>Max Analog Images per/s</b>	N/A	N/A	30ips/ch @ 4CIF	30ips/ch @ 4CIF	N/A
<b>Max Analog Frame Rate</b>	N/A	N/A	480/960ips	960/1440ips	N/A
<b>Max Analog Recording Resolution</b>	N/A	N/A	4CIF	4CIF	N/A

## NVR Models Camera Info

<b>Included IP Camera Licenses</b>	2 4	4	8	16	16
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## All Models Camera Info

<b>Max IP (VGA) Cameras Supported*</b>	12	48	52	128	128
<b>Max 1.3MP Cameras Supported*</b>	4	36	48	96	96
<b>Max Megapixel Resolution*</b>	2+ Megapixels	10+ Megapixels	10+ Megapixels	10+ Megapixels	10+ Megapixels
<b>IP Video Codec Support</b>	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG	H.264 / MPEG-4 / MJPEG

\* The maximum number of cameras allowed depends on total number of cameras, analytics, Local OpCenter, and available resources.

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	1100-Series 2100-Series	3100-Series	4100-Series	5600-Series	6100-Series
<b>Storage</b>					
<b>Storage Capacity</b>	1TB JBOD	2TB, 4TB JBOD	RAID-1: 2TB, 4TB, 6TB JBOD: 4TB, 6TB, 8TB, 12TB	RAID-1: 4TB, 6TB, 8TB, 12TB JBOD: 8TB, 12TB, 24TB	RAID-5: 10TB, 20TB, 30TB RAID-6: 16TB, 24TB RAID-10: 12TB, 18TB
<b>Hot Swappable</b>	N/A	N/A	Hot Swappable (RAID)	Hot Swappable (RAID)	N/A
<b>Audio</b>					
<b>Analog Audio Inputs</b>	N/A	N/A	16 or 32 (with HVR models only)	32 (with HVR models only)	N/A
<b>IP Audio Support</b>	Yes	Yes	Yes	Yes	Yes
<b>Supported Audio Codecs</b>	G.711, AAC	G.711, AAC	G.711, AAC	G.711, AAC	G.711, AAC
<b>Inputs and Outputs</b>					
<b>Alarm I/O</b>	Optional	Optional	Optional	Optional	Optional
<b>SpotMonitor Analog</b>	Optional	Optional	Optional	Optional	Optional
<b>SpotMonitor Digital</b>	1x HDMI	2x HDMI or 1x DVI-I 1x DVI-D, VGA with converter	2x HDMI or 1x DVI-I 1x DVI-D, VGA with converter	2x HDMI or 1x DVI-I 1x DVI-D, VGA with converter	2x HDMI or 1x DVI-I 1x DVI-D, VGA with converter
<b>Monitor Output</b>	1x VGA, 1x HDMI	2x HDMI or 1x DVI-I or 1x DVI-D, VGA with converter	2x HDMI or 1x DVI-I or 1x DVI-D, VGA with converter	2x HDMI or 1x DVI-I or 1x DVI-D, VGA with converter	2x HDMI or 1x DVI-I or 1x DVI-D, VGA with converter
<b>USB</b>	2 ports (1 x 3.0 & 1 x 2.0)	8 ports (4 x 3.0 & 4 x 2.0)	8 ports (4 x 3.0 & 4 x 2.0)	8 ports (4 x 3.0 & 4 x 2.0)	8 ports (4 x 3.0 & 4 x 2.0)
<b>Serial Port</b>	N/A	2x (RS-232)	2x (RS-232)	2x (RS-232)	2x (RS-232)
<b>NIC</b>	2 x 1Gb	2 x 1Gb	2 x 1Gb (4 x 1Gb optional)	2 x 1Gb (4 x 1Gb optional)	2 x 1Gb (4 x 1Gb optional)
<b>Keyboard and Mouse</b>	Optional	Optional	Included	Included	Included
<b>Physical</b>					
<b>Dimensions (HxWxD)</b>	1.7" x 7.7" x 7.7"	3.44" x 16.9" x 12.07"	3.44" x 16.9" x 12.07"	3.44" x 16.9" x 19.36"	3.46" x 16.9" x 19.36"
<b>Rack Units 19"</b>	N/A	2	2	2	2
<b>Mounts</b>	Optional mounting brackets available	Optional rack rails or wall-mounting brackets available	Optional rack rails or wall-mounting brackets available	Optional rack rails or wall-mounting brackets available	Optional rack rails or wall-mounting brackets available
<b>Unit Weight (with drives populated)</b>	3.86 lbs (1.8 kg)	10.75 lbs. (4.88 kg)	13 lbs. (5.90 kg)	19.5 lbs (8.85 kg)	27 lbs (12.25 kg)
<b>Environmental &amp; Warranty</b>					
<b>Operating Temperature</b>	32° ~ 100° F (0° ~ 40° C)	41° ~ 104° F (5° ~ 40° C)	41° ~ 104° F (5° ~ 40° C)	41° to 95° F (5° to 35° C)	41° to 95° F (5° to 35° C)
<b>Power Requirements</b>	100-240 VAC, 50-60Hz, 60W, 5A	100-240 VAC, 50-60Hz, 5A	100-240 VAC, 50-60Hz, 5A	100-240 VAC, 60-50Hz, 5A	100-240 VAC, 60-50Hz, 5A
<b>Warranty</b>	3 year	3 year	3 year	3 year	3 year

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