Milestone Systems
Husky™ Network Video Recorders
Product Comparison Chart

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Milestone Husky NVR series

The innovative Milestone Husky series of network video recorders (NVRs) delivers fully-integrated, customizable video surveillance solutions. This state-of-the-art series of NVRs can be tailored to meet the demands of any surveillance installation, from a small family-owned business to a complex surveillance installation with multiple sites and hundreds of cameras. Combining its award-winning video management software with high-performance hardware, Milestone Systems offers four NVR models that can be used as a simple stand-alone or connected with multiple models for a customized solution.

* 600 Mb/s and 1200Mb/s recording rate guaranteed for Husky M500A and M550A, respectively.

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Milestone Husky NVR key capabilities	Milestone Husky M10	Milestone Husky M20	Milestone Husky M30	Milestone Husky M50	Milestone Husky M500A	Milestone Husky M550A
General specifications						
NVR class – Maximum number of cameras	8	32	32	128	Up to 512[5]	Up to 768[5]
Form factor	Small, fanless	Standalone, 2U rack-mount included	Standalone	2U rack-mount	2U rack-mount	2U rack-mount
All-in-one single unit	Yes	Yes	Yes	Yes	Yes	Yes
Multi-unit	--	Unlimited units Master/slave	Unlimited units Master/slave	Unlimited units Master/slave	Unlimited units Centrally managed	Unlimited units Centrally managed
Extension recording unit to VMS system	--	XProtect Professional	XProtect Professional	XProtect Professional	XProtect Expert & XProtect Corporate	XProtect Expert & XProtect Corporate
Dimensions	20(W)x20(D)x4.5(H) cm 7.9(W)x7.9(D)x1.8(H) in	43(W)x33(D)x8.8(H) cm 16.9(W)x13(D)x3.5(H) in	30(W)x30(D)x9(H) cm 11.8(W)x11.8(D)x3.8(H) in	43(W)x40(D)x8.8(H) cm 17(W)x16.4(D)x3.5(H) in	43(W)x40(D)x8.8(H) cm 17(W)x16.4(D)x3.5(H) in	43(W)x40(D)x8.8(H) cm 17(W)x16.4(D)x3.5(H) in
Maximum power consumption	15.8 W	250~500W	68-74 W	90-120 W	90-120 W	90-120 W
Camera licenses included	8	8 / 16	8	8	0	0
Add-on camera licenses	--	4 pack	4 pack	4 pack	Individual	Individual
Integrated Power over Ethernet (PoE) switch	--	IEEE 802.3at	--	--	--	--
Hybrid option	--	--	16 analog 4TB video storage	32 analog 16TB video storage	--	--
Milestone Interconnect™	Supported	Supported	Supported	Supported	Supported	Supported
Milestone Federated Architecture™	--	--	--	--	Supported	Supported
Compute system						
CPU	ATOM	Skylake i3-6100	i5-3610ME 2.7 GHz	i7-3610QE 2.3 GHz	i7-3610QE 2.3Ghz	i7-3610QE 2.3 GHz
CPU passmark	664	5475	3635	6193	6193	6193
Operating system (OS)	Linux	Windows 10 IoT Enterprise	Windows 10	Windows 10	Windows 10	Windows 10
Hardware accelerated decoding for local viewing and playback	--	Yes	Yes	Yes	Yes	Yes
RAM	4GB	8 GB	8 GB	16 GB	16 GB	16 GB
Storage system						
Maximum recording rate	62 Mbit/s	200 Mbit/s	136 Mbit/s	544 Mbit/s	600 Mbit/s	1200 Mbit/s
Video storage	1TB 1 HDD bay, SATA	2TB / 4TB / 12TB 2 HDD bays, SATA	2TB / 4TB / 8TB / 12TB 2 HDD bays, SATA	8TB / 16TB / 32TB / 48TB / 64TB 8 HDD bays, SATA	8TB / 16TB / 32TB / 48TB / 64TB 8 HDD bays, SATA	8TB / 16TB / 32TB / 48TB / 64TB 8 HDD bays, SATA
RAID storage	--	--	--	RAID 5, 10 optional	RAID 5,6 10, 50 included	RAID 5,6 10, 50 included
Hot plug disk drives	--	Yes	--	Yes	Yes	Yes

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Drive type	Western Digital Purple Drives	Western Digital Purple Drives	Western Digital Purple Drives	Western Digital Purple Drives	Western Digital Purple Drives	Western Digital Purple Drives
VMS/OS storage	--	128 GB mSATA SSD	64 GB mSATA SSD	64 GB mSATA SSD	128 GB mSATA SSD	128 GB mSATA SSD
Software recovery image	Yes	Yes	Yes	Yes	Yes	Yes
Network system						
Dual network interface cards	Yes, GbE, RJ45	Yes, GbE, RJ45	Yes, GbE, RJ45	Yes, GbE, RJ45	Yes, GbE, RJ45	Yes, 2x10GbE 2x1GbE, RJ45
Multicast support	--	--	--	--	Yes, both camera and XProtect Smart Client	Yes, both camera and XProtect Smart Client
Video management system – General						
Video management software (VMS)	Milestone Arcus	XProtect Professional	XProtect Professional	XProtect Professional	XProtect Expert (XProtect Corporate)	XProtect Expert (XProtect Corporate)
Milestone Care™ Basic	Included	Included	Included	Included	Included	Included
Milestone Care Plus	Optional	Optional	Optional	Optional	3 years included	3 years included
Hardware warranty	3 years included	3 years included	3 years included	3 years included	3 years included	3 years included
Updates to newer VMS versions	With Care Plus	With Care Plus	With Care Plus	With Care Plus	With Care Plus	With Care Plus
VMS software upgrades	--	--	--	--	Yes to XProtect Corporate	Yes to XProtect Corporate
Setup wizards	--	Yes	Yes	Yes	Yes	Yes
Automatic camera discovery	Yes	Yes	Yes	Yes	--	--
Camera replacement wizard	--	Yes	--	--	Yes	Yes
Smart Start plug-and-play: Automatic IP address assignment[1], time synchronization[1] and storage allocation	--	Yes	--	--		
VMS and camera audio						
Supports ONVIF cameras	Yes	Yes	Yes	Yes	Yes	Yes
Codecs supported	H.264, MPEG-4, M-JPEG	H.264, MPEG-4, M-JPEG	H.264, MPEG-4, M-JPEG	H.264, MPEG-4, M-JPEG	H.264, MPEG-4, M-JPEG	H.264, MPEG-4, M-JPEG
Pan-tilt-zoom (PTZ) support	Yes	Yes	Yes	Yes	Yes	Yes
Audio support	1-way	2-way	2-way	2-way	2-way	2-way
Video management system – Clients						
Maximum number of concurrent users	6	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Supports XProtect® Smart Client	Yes	Yes	Yes	Yes	Yes	Yes
Supports XProtect® Web Client	Yes	Yes	Yes	Yes	Yes	Yes
Supports Milestone Mobile	Yes	Yes	Yes	Yes	Yes	Yes

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Hardware accelerated decoding in XProtect Smart Client	--	Yes Intel Quick Sync Video	Yes Intel Quick Sync Video	Yes Intel Quick Sync Video	Yes Intel Quick Sync Video	Yes Intel Quick Sync Video
Video Push support[2]	Yes	Yes	Yes	Yes	Yes	Yes
Push notification support[3]	--	Yes	Yes	Yes	Yes	Yes
Video management system – Core features						
Smart Search	Yes	Yes	Yes	Yes	Yes, motion metadata based	Yes, motion metadata based
Alarm Manager	--	Yes	Yes	Yes	Yes	Yes
Archiving to network storage	--	Yes	Yes	Yes	Yes	Yes
Map function	--	Yes	Yes	Yes	Yes	Yes
Multiple video export formats	--	Yes	Yes	Yes	Yes	Yes
Third-party application support[4] (video analytics, data storage)	--	Yes	Yes	Yes	Yes	Yes
Microsoft Active Directory support	--	Yes	Yes	Yes	Yes	Yes
Versatile rule engine	--	--	--	--	Yes	Yes
Centralized management of multiple units	--	--	--	--	Yes	Yes

Notes:
(1) For supported cameras
(2) Requires additional device license
(3) Requires active Milestone Care Plus
(4) Using Milestone Integration Platform (MIP)
(5) Maximum camera count is when not using server side VMD and total camera bit rate is at or below the maximum recording rate.

Milestone reserves the right to change the product specifications without prior notice.

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