

Aperis Vortex Max Video Archiver

AI Video Compression System

Vortex is an AI-driven video archiving system that extends surveillance storage capacity by 2–10x. Instead of retaining footage for only a few weeks, Vortex enables recordings to be stored for months — even a year or longer — enhancing both forensic analysis and liability protection. The compact Vortex Mini supports up to 48 IP sources, saving to both cloud and local storage while running seamlessly in parallel with existing VMS systems.

- ◆ **Wide Camera Compatibility:** Works with hundreds of IP camera models via RTSP.
- ◆ **Extended Storage:** Stores video 2–10x longer using local or cloud storage.
- ◆ **Seamless Setup:** Integrates easily with existing networks for quick, hassle-free operation.
- ◆ **Smart Monitoring:** Email or text alerts in case of power, network, or equipment outage
- ◆ **Reliable & Efficient:** Compact, low-noise design, low-power, 3-year warranty
- ◆ **Secure:** Linux based OS, hardened security protocols



Front



Rear

Aperis Vortex Max Video Archiver

Model	8036	8036A	8048	8048A
Storage				
Nvme	2TB	2TB	2TB	2TB
SATA	0	50TB	0	50TB
Colud*	100TB	100TB	200TB	200TB
Video streaming				
Channels	36	48	48	48
Standard	H.264/H.265	H.264/H.265	H.264/H.265	H.264/H.265
Resolution	HD-10MP	HD-10MP	HD-10MP	HD-10MP
FPS	30	30	30	30
Audio Streaming				
Standard	MP3/ACC	MP3/ACC	MP3/ACC	MP3/ACC
Channels	36	48	48	48
Storage				
Nvme	512GB	512GB	512GB	512GB
SATA	0	50TB	0	50TB
System				
Processor	AMD Ryzen 5	AMD Ryzen 5	AMD Ryzen 7	AMD Ryzen 7
Model	5600x 6 Core	5600x 6 Core	3700x 8 Core	3700x 8 Core
Chipset	B550I	B550I	B550I	B550I
Threads	12 @ 3.7 GHz	12 @ 3.7 GHz	16 @ 3.6 GHz	16 @ 3.6 GHz
Type	DDR4	DDR4	DDR4	DDR4
Capacity	16GB	16GB	32GB	32GB
GPU				
Model	RTX3060	RTX3060	RTX3070	RTX3070
VRAM	8GB	8GB	8GB	8GB
Cuda Cores	3,584	3,584	5,888	5,888
Tensor Cores	112	112	184	184
Streaming Processors	28	28	46	46
Display				
Port 1	HDMI	HDMI	HDMI	HDMI
Port 2-4	DP	DP	DP	DP
Networking				
Wired 1	2.5Gbps	2.5Gbps	2.5Gbps	2.5Gbps
Wired 2	5.0 GPbps	5.0 GPbps	5.0 GPbps	5.0 GPbps
Wieless	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Mechanical				
Width	9.17" (233mm)	9.17" (233mm)	9.17" (233mm)	9.17" (233mm)
Depth	10.31"(262mm)	10.31"(262mm)	10.31"(262mm)	10.31"(262mm)
Height	11.73"(298mm)	11.73"(298mm)	11.73"(298mm)	11.73"(298mm)
Weight	14 lbs	22 lbs	14 lbs	22 lbs
Electrical				
Supply Voltage	120VAC	120VAC	120VAC	120VAC
Max Power	250W	250W	500W	500W
SKU	8036-000-3060	8036-50T-3060	8048-000-3070	8048-50T-4070

* Effective cloud storage capacity, post compression. Subscription fees apply. Customers must set up substreams if upload bandwidth is insufficient. Please refer to the Vortex calculator for bandwidth requirements. Specifications are subject to change without notice.