

Aperis Vortex Video Archiver

AI Based 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 24 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 Video Archiver

Model	6012	6016	6020	6024
Storage				
Nvme	512GB	2TB	4TB	8TB
Colud*	5TB	20TB	40TB	80TB
Video streaming				
Channels	12	16	20	24
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	12	16	20	24
System				
Processor	AMD Ryzen 5	AMD Ryzen 5	AMD Ryzen 5	AMD Ryzen 5
Model	6600x 6 Core	6600x 6 Core	6600x 6 Core	6600x 6 Core
Chipset	B550I	B550I	B550I	B550I
Threads	12 @ 3.7 GHz	12 @ 3.7 GHz	12 @ 3.7 GHz	12 @ 3.7 GHz
Type	DDR4	DDR4	DDR4	DDR4
Capacity	8GB	8GB	8GB	8GB
GPU				
Brand	Radeon	Radeon	Radeon	Radeon
Model	660M	660M	660M	660M
VRAM	1GB	1GB	1GB	1GB
CUs	6	6	6	6
Display				
Port 1	HDMI	HDMI	HDMI	HDMI
Port 2	DP	DP	DP	DP
Networking				
Wired 1	1.0 Gbps	1.0 Gbps	1.0 Gbps	1.0 Gbps
Wired 2	1.0 Gbps	1.0 Gbps	1.0 Gbps	1.0 Gbps
Wireless	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)	Wi-Fi 6 (802.11ax)
Mechanical				
Width	5.02" (128mm)	5.02" (128mm)	5.02" (128mm)	5.02" (128mm)
Depth	5.02" (128mm)	5.02" (128mm)	5.02" (128mm)	5.02" (128mm)
Height	1.89" (48mm)	1.89" (48mm)	1.89" (48mm)	1.89" (48mm)
Weight	1.2 lbs	1.2 lbs	1.2 lbs	1.2 lbs
Electrical				
Supply Voltage	100-240VAC 50/60Hz	100-240VAC 50/60Hz	100-240VAC 50/60Hz	100-240VAC 50/60Hz
Max Power	35-50W	35-50W	35-50W	35-50W
SKU	6012-000-660M	6016-02T-660M	6020-04T-660M	6024-08T-660M

* 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.