

HYPERDRIVE H500 Series

Enterprise class 2U 12 Bay Rackmount Network Video Recorder

800 Mbps of Throughput

The HyperDrive H500 appliance is an affordable enterprise network video recorder engineered for mid-scale surveillance deployments that require exceptional throughput performance.

The H500 is powered by HYPERDRIVE-OS™ firmware which optimizes the flow of video streams from the network to the storage, eliminating any form of I/O bottleneck.

Supporting the AMD Ryzen™ Processor Series, this system can hold up to 144TB of maximum raw storage.

Independent benchmarks from deployed product on external sites has recorded a sustained maximum performance throughput of 800 Mbps.

H500 is the perfect NVR for sites up to 200 channels



Affordable Enterprise Class NVR building Block designed for Performance and Resilience

- AMD Ryzen™ Processor
- Up to 144TB of maximum raw storage
- 12 x 3.5" hot-swappable drives
- 4 x 1GbE Network Links

KEY FEATURES

The H500 is an Hyper-Converged Open Storage system delivering multiple benefit for large scale deployments including:

- Simple configuration from Milestone via HYPERDRIVE-OS™
- Up to 144TB of maximum raw storage.
- 4 x 1GbE Links dedicated for video streams.
- No bottleneck on Network or Storage backend with HYPERDRIVE-OS™ firmware.
- Product design and development with the ability to be targeted to specific performance or project scenarios.



HYPERDRIVE H500 Series

2U 12 BAY RACKMOUNT

SYSTEM

Processor	AMD Ryzen™ Processor
Operating System	Windows® Server 2012 R2 Windows® Server 2016
Memory	32 GB DDR4 2133Mhz ECC Registered Unbuffered RAM
Possible Raw Storage Config	24TB, 36TB, 48TB, 72TB, 96TB, 120TB, 144TB
Video Outputs	VGA
Networking	4 x 1GbE LAN Ports, 1 x 1GbE Management [HYPERDRIVE-OS]
RAID Level Support Option	6
Firmware	HYPERDRIVE-OS
Tested / Certified VMS	Milestone Xprotect Enterprise & Expert all versions from 2017 R1
Warranty	3 Year



MECHANICAL

Form Factor	2U
OS Drive Bays	2 x 2.5"
DATA Drive Bays	12 x 3.5" Hot-swappable
Power Supply	1+1 Redundant CRPS (80+ Platinum) Power Supplies
AC Input VAC Freq	100-240V, 50-60Hz, 6.1-2.6Amp
Ambient Operating Temp	5°C ~ 35°C (41°F ~ 95°F)
Operating Humidity	8% ~ 90% (non-condensing)
Dimension (w x h x d)	438mm x 87mm x 600mm

