

CAPS-SCALER

High Density Enterprise Class 4U 45 Bay Rackmount Network Video Recorder

2400 Mbps of Throughput

The Capsule Technologies CAPS-SCALER appliance is a built for purpose enterprise network video recorder engineered for large-scale surveillance deployments that require exceptional throughput performance.

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

Supporting the Intel® Xeon® Gold Processor 6130 Series, this system can hold up to 630 TB of maximum raw storage.

Independent official certification benchmarks from VMS Vendors has recorded a sustained maximum performance throughput of 2400 Mbps.

Each CAPS-SCALER module is the perfect NVR for sites up to 800 channels*

**Performance based on 720P IPCAMS*

KEY FEATURES

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

- Compatible with any Video Management System on the market whether Microsoft Windows or Linux based.
- Up to 630TB of maximum raw storage.
- 4 x 1GbE Links dedicated for video streams.
- No bottleneck on Network or Storage backend with CAPS-OS™ firmware.
- Product design and development with the ability to be targeted to specific performance or project scenarios.



Affordable Enterprise Class NVR building Block designed for Performance and Resilience

- Dual Intel® Xeon® Gold Processor 6130
- Up to 630TB of maximum raw storage
- 45 x 3.5" hot-swappable drives
- 4 x 1GbE Network Links
- Compliant BOSCH Direct-to-iSCSI recording



CAPS-SCALER

4U 45 BAY RACKMOUNT

SYSTEM

Processor	Dual Intel® Xeon® Gold Processor 6130 (22M Cache, 2.10Ghz) 16 Cores
Operating System	Windows® Server 2012 R2 Windows® Server 2016 Windows® 10 Professional Linux CentOS, Ubuntu, Debian
Memory	64 GB DDR4 2133Mhz ECC Registered Unbuffered RAM
Possible Raw Storage Config	180TB, 270TB, 360TB, 450TB, 540TB, 630TB
Video Outputs	VGA
Networking	4 x 1GbE LAN Ports, 1 x 1000Mbps Management [CAPS-OS]
RAID Level Support Option	0, 1, 5, 6, 10, 50, 60
Firmware	CAPS-OS™ Hypervisor, RAID Engine and iSCSI
Tested / Certified VMS	Milestone Xprotect Enterprise & Expert, Axxon Next, Digifort, ExacqVision, BOSCH BVMS 6.x, 7.x, Cathexisvision
Warranty	2 Year



MECHANICAL

Form Factor	4U
OS Drive Bays	2 x 2.5"
DATA Drive Bays	45 x 3.5" Hot-swappable
Power Supply	1+1 Redundant 1600W 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)	437mm x 178mm x 660mm

