CAPS-ICE-24

Enterprise Class 4U 24 Bay Rackmount Network Video Recorder

1000 to 1100 Mbps of Throughput

The Capsule Technologies ICE-24 is an enterprise network video recorders engineered for mid to large scale surveillance deployments that require exceptional throughput performance with no compromise on redundancy thanks to a dual-controller design.

The ICE-24 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.

Independent official certification benchmarks from VMS vendors has recorded a sustained maximum performance throughput of 1100 Mbps which makes the ICE-24 the fastest Network Video Recorder of its category.
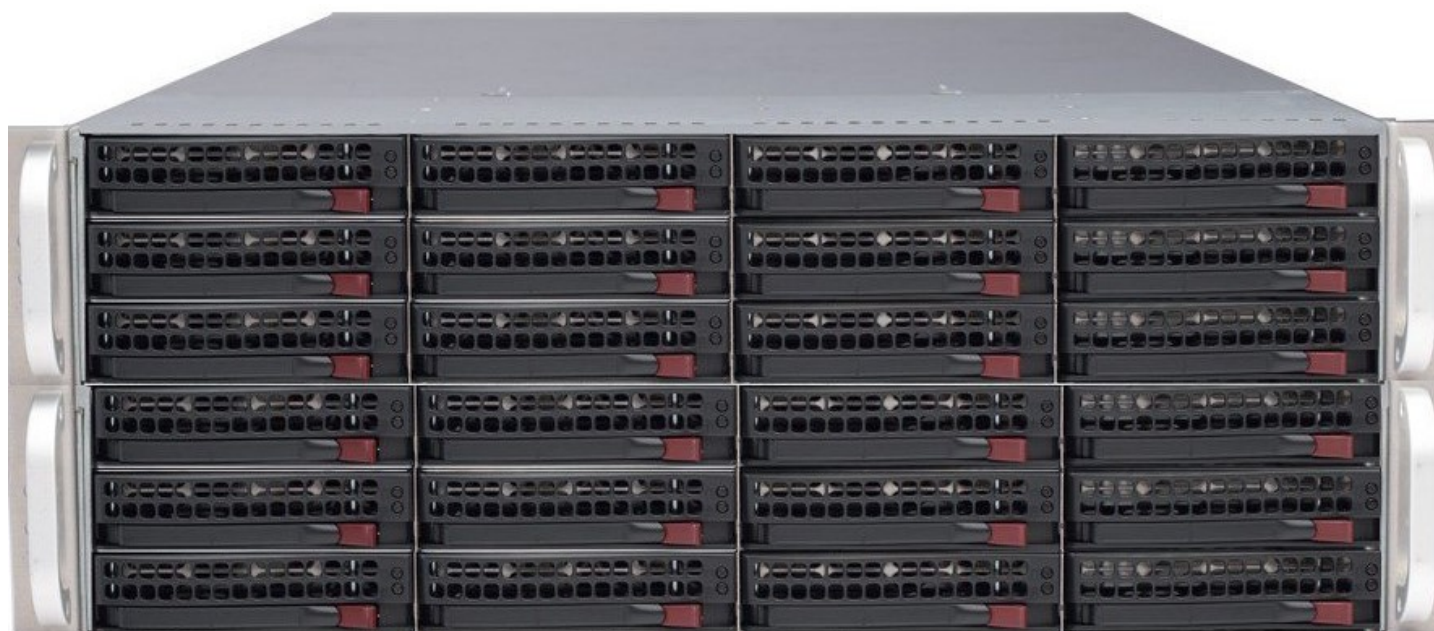
KEY FEATURES

The ICE-24 is an Hyper-Converged Open Storage system delivering multiple benefit for large scale deployments including:

- Compatible with any Video Management System of the Market Microsoft Windows based or Linux based
- Up to 240 TB of maximum raw storage
- 8x 1Gb Links dedicated for video streams
- No bottleneck on Network or Storage backend with CAPS-OS™ firmware
- High availability with Dual controllers design

Performance, Resilience, Scalability

- Dual interconnected Controllers
- Dual Intel® Xeon® Processor E3
- Up to 240TB of maximum raw storage
- 24 x 3.5" hot-swappable drives
- 8 x 1Gb Network Links
- Compliant BOSCH Direct-to-iSCSI recording

CAPS-ICE-24

4U 24 BAY RACKMOUNT

SYSTEM

Processor	Dual Intel® Xeon® Processor E3 1240v5 in two active-active controllers
Operating System	Windows server® 2012 R2 Windows® 10 Pro Linux CentOS, Ubuntu, Debian
Memory	64 GB DDR4 2133Mhz ECC Registered Unbuffered
Maximum Raw Storage	240TB
Video Outputs	VGA
Networking	8 x1GbE LAN Ports dedicated for video streams
RAID Level support Options	0, 1, 5, 6, 10, 50, 60
Firmware	CAPS-OS™ Hypervisor, RAID engine and iSCSI
Tested / Certified Video Management Software	Milestone Xprotect Enterprise and Expert, Axxon Next, Digifort, Exacqvision, BOSCH BVMS 6.x, 7.x, Cathexisvision
Warranty	3 Year

MECHANICAL

Form factor	4U
OS Drive Bays	2 x 2.5"
Data Drive Bays	24 x 3.5" Hot-Swappable
Power Supply	4x 500W high-efficiency redundant power supplies with PMBus
AC Input VAC Freq	100-240 V, 50-60 Hz, 6.1-2.6 Amp
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 647mm