

CAPS-ICE-16

Enterprise Class 3U 16 Bay Rackmount Network Video Recorder

600 - 800 Mbps of Throughput

The Capsule Technologies ICE-16 is an enterprise network video recorder engineered for mid to large scale surveillance deployments that require exceptional throughput performance.

The ICE-16 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® Processor E3-1245v5 Series, leveraging on Intel® Quick Sync Video features, this system can hold up to 160TB of maximum raw storage.

Independent official certification benchmarks from VMS vendors has recorded a sustained maximum performance throughput of 800 Mbps which makes the ICE-16 the fastest Network Video Recorder of its category.

KEY FEATURES

The ICE-16 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 160 TB of maximum raw storage
- 4 x 1Gb 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



Our Flagship Surveillance Deployments with Unbeatable Throughput Performance

- Intel® Xeon® Processor E3
- Intel® Quick Sync Video
- Up to 160TB of maximum raw storage
- 16 x 3.5" hot-swappable drives
- 4 x 1Gb Network Links
- Compliant BOSCH Direct-to-iSCSI recording



CAPS-ICE-16

3U 16 BAY RACKMOUNT

SYSTEM

Processor	Intel® Xeon® Processor E3 1245v5 with Quick Sync Video
Operating System	Windows server® 2012 R2 Windows® 10 Pro Linux CentOS, Ubuntu, Debian
Memory	32 GB DDR4 2133Mhz ECC Registered Unbuffered
Maximum Raw Storage	160TB
Video Outputs	VGA
Networking	4 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	3U
OS Drive Bays	2 x 2.5"
Data Drive Bays	16 x 3.5" Hot-Swappable
Power Supply	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 132mm x 650mm



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