

Optimised - Certified - Guaranteed

# CAPS-ICE

## Enterprise Class 8-Bay 2U Rack-mount Network Video Recorder Purpose-built virtualisation servers for Surveillance Applications

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

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

Supporting the Intel® Xeon® Processor E 2336, this system can hold up to 144 TB of maximum raw storage.

Independent official certification benchmarks from VMS Vendors has recorded a sustained maximum performance throughput of 800 Mbps\*

Each CAPS-ICE module is the perfect NVR for sites up to 256 channels\*

\*Performance based on 720p IP Cameras



Enterprise Class NVR building Block  
Designed for Performance and Resilience

- Intel® Xeon® Processor E 2336
- Up to 144TB of maximum raw storage
- 8 x 3.5" hot-swappable drives
- 4 x 1GbE Network Links
- Optional 2 x 10GbE for High-Availability



<b>Processor</b>	Intel® Xeon® Processor E 2336 (6C   12T @4.8Ghz)
<b>Operating System supported on Virtual Machines</b>	Windows® Server 2012 R2, 2016, 2019, 2022 Windows® 10 Professional Linux CentOS, Ubuntu, Debian
<b>Memory</b>	64 GB DDR4 ECC Registered Unbuffered RAM
<b>Possible Raw Storage Configs</b>	From 16TB to 144TB
<b>Networking</b>	4 x 1GbE LAN Ports, 1 x 1Gbe Management [CAPS-OS], Optional 2 x 10Gbe for redundancy
<b>RAID Level Support Options</b>	0, 1, 5, 6, 10, 50, 60
<b>Firmware</b>	CAPS-OS® Hypervisor, RAID Engine and iSCSI
<b>Tested / Certified VMS</b>	Milestone XProtect, Axxon Next, Digifort, ExacqVision, BOSCH BVMS, Cathexisvision
<b>Warranty</b>	3 Years

<b>Form Factor</b>	2U
<b>OS Drive Bays</b>	2 x 2.5" in RAID-1
<b>DATA Drive Bays</b>	8 x 3.5" Hot-Swappable
<b>Power Supply</b>	1 +1 Redundant 800W Power Supplies
<b>AC input VAC Freq</b>	100-240V, 50-60Hz, 6.1-2.6Amp
<b>Ambient Operating Temp</b>	5°C ~ 35°C (41°F ~ 95°F)
<b>Operating Humidity</b>	8% ~ 90% (non-condensing)
<b>Dimension (w x h x d)</b>	437mm x 89mm x 647mm