

PixelStor 10000 2U, Next-Generation Storage System

Rasilent NFD Series of Products for Forensic-Grade Surveillance

Rasilent Systems

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PixelStor 10000

2U, Next-Generation Storage System



Datasheet

The **PS10000** is the next generation of the award-winning PS7012. It provides uninterrupted video surveillance recording while simultaneously providing metadata to analytic servers. The PS10000 is known for its patented surveillance optimized cache technology that can scale the video recording to thousands of HD cameras without dropping a single frame of video.

Patented advanced video caching technology (VAN, FlowThrough, StreamAlign) enables no recording gaps while increasing read/write performance.

Full redundancy and **high availability** ensure video recording does not stop and is not lost due to any storage failures.

Storage Consolidation for NVR/DVRs significantly lowers purchase, CAPEX, and OPEX costs.

Storage monitoring tools including BusyPlot, Proactive drive-cloning, performance and disk monitoring, and ZM (Zero Maintenance) technology to ensure the best system performance with no loss of video frames. Effortless installation, management and administration.

Features



Up to 2.16 PB in just 6U
(with PS390e expansion)



Fully Hot-Swappable
PSU



5-Year Warranty

Application



High-Performance
Megapixel Cameras



Very Large Video
Surveillance Installations



Analytics Metadata
Storage

Specifications

CPU	2 x Intel(R) XEON(R)
Controller	2 x Controllers
RAM	2 x 32GB RAM
Networking	4 x 10G
Input / Output	USB 3.2, Serial COM, SAS
Expansions	Expandable with 3 x PS312e3 or 1 x PS390e
RAID	0, 1, 5, 6, 10, 50, 60
SAS	48Gbps (total of 4 x 12Gbps connections) to Expansion Units
Dimensions (W x D x H)	2 x 19.57" x 17.3" x 1.7" / 497 x 439.5 x 44 mm
Weight	2 x Max 35.2 lb / 15.97 kg
Power Supply	2+2 Redundant 450W 100/240V AC 4/8A 50/60Hz
Operating Temperature	10 – 35 C

