![rasilient logo] rasilient
enabling forensic-grade surveillance™

PixelStor7012

2U, 12-Drive Next-Generation Storage System

Datasheet

The PS7012 is the next generation of the award-winning PS5012. It is the first storage system which provides uninterrupted video surveillance recording while simultaneously providing metadata to analytic servers. The PS7012 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 2.04 PB in just 6U (with PS390e expansion)

- Fully Hot-Swappable Chassis

- 5-yr Warranty

Applications

- High-Performance Megapixel Cameras

- Very Large Video Surveillance Installations

- Analytics Metadata Storage

For more information contact:

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Specifications

CPU	Intel Xeon Broadwell
Controller	Dual Redundant
RAM	Up to 64GB ECC DDR4 2666Mhz per Controller
Networking	2x GbE + 2x 10GbE (Fiber[1] or Copper)
Input/Output	2x USB 2.0, Serial COM, 2x SAS
Max Storage	Up to 240TB, Expandable with PS312e2, PS390e, PS392e
RAID	1, 5, 6, 10, 50, 60
SAS	12Gbps to HDDs, 48Gbps to Expansion Units
Power Loss Protection	Back up cache data to SSD. No time limit for power loss
Dimensions (W x D x H)	17.6" x 20.9" x 3.5" / 446 x 531 x 88 mm
Weight	Max 80 Lbs / 36 Kgs
Power Supply	1+1 Redundant 800W 89-264V AC 47-63Hz
Operating Temperature	10 - 35 °C

[1] For up to 300m, use Intel E10GSFPSR Compatible 10GBase-SR SPF+ 850nm. Please check Intel website for the compatibility list.

* Configuration of product may differ based on options

For more information contact:

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