

PixelStor7012

2U, 12 Drive 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 1.8 PB in just 6U (with PS390 expansion)
- Fully Hot-Swappable Chassis

Applications

- High-Performance Megapixel Cameras
- Very Large Video Surveillance Installations
- Analytics Metadata Storage

Specifications

CPU	Intel Xeon Broadwell
Controller	Dual Redundant
RAM	Up to 64GB ECC DDR4 2666Mhz per Controller
Networking	2x GbE + 2x 10GbE
Input/Output	2x USB 2.0, Serial COM, 2x SAS
Max Storage	Up to 216TB, Expandable with PS312e2 or PS390
Dimensions (W x D x H)	17" x 26.8" x 3.5" / 430 x 680 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



*actual orientation of product may differ based on options