PixelStor5012

2U, 12-Drive Award-Winning Storage System

Datasheet

The award-winning PS5012 provides unified storage for forensic-grade video recording and AI analytics metadata storage. It is the first storage system which provides uninterrupted video surveillance recording while simultaneously providing metadata to analytic servers. The PS series of product 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 7U (with PS392 expansion)

- Fully Hot-Swappable Chassis

- 5-yr Warranty

Applications

- High-Performance Megapixel Cameras

- Very Large Video Surveillance Installations

- Analytics Metadata Storage

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Specifications

CPU	Intel Ivy Bridge
Controller	Dual Redundant
RAM	Up to 16GB ECC DDR3 1600Mhz per Controller
Networking	5x GbE (10GbE Upgrade Available)
Input/Output	2x USB 2.0, Serial COM, SAS
Max Storage	Up to 216TB, Expandable with PS312e2 or PS392e
RAID	1, 5, 6, 10, 50, 60
Power Loss Protection	72 hours battery-backed memory
Dimensions (W x D x H)	17.6" x 23.63" x 3.5" / 446 x 600 x 88 mm
Weight	Max 80 Lbs / 36 Kgs
Power Supply	1+1 Redundant 600W 89-264V AC 47-63Hz
Operating Temperature	10 - 35 °C

* Configuration of product may differ based on options