

# VME 400m

## PRODUCT CONFIGURATION SHEET

### What is a Video Management Engine (VME)?

The VME 400m solution offers a standalone management gateway for high availability, redundancy, scalability and simple integration with IP storage. The VME 400m incorporates storage management and gateway functionality for complete surveillance management control at your fingertips and is ideal for high volume environments with data intensive applications. With increasing demand for longer archive time, better video resolution and higher frame rates, each high-capacity VME gateway solution combined with StoneFly SAN storage ensures maximized data retention and scalable performance.

### Key Features:

- ▶ Up to 48TB Raw Storage Capacity in 1U Rackmount
- ▶ Use Standalone or as StoneFly SAN and/or NAS Gateway
- ▶ Compatible with Leading Industry Video Management Software
- ▶ Open Hardware Platform
- ▶ Two 64-Bit Xeon Processors (8 to 22-Cores Each)
- ▶ Up to 3TB High Speed Video Cache (32GB Standard)
- ▶ 12Gbps SAS Ultra High Performance Hardware RAID
- ▶ Quad-Port 1Gb Ethernet Connectivity
- ▶ Redundant High-Efficiency 80-PLUS® Platinum Power Supply



## VME 400m Video Management Engine

Internal Capacities	Up To 48TB* SAS
RAID Controller	12Gbps SAS with 1GB Cache
Redundancy Features	Redundant Hot-Swappable Power Supply RAID 1, 5, 6, 10
External Storage	Supports StoneFly SAN & NAS Appliances
Network Options	Standard: 4 x 1GbE RJ-45 Optional: 1Gb Ethernet Server Adapters 10Gb Ethernet Server Adapters with RJ-45, SFP+, SR Optical, LR Optical Options 40Gb Ethernet Server Adapters with QSFP+
Host Bus Adapter Options	6Gbps or 12Gbps SAS HBAs 4Gbps, 8Gbps, 16Gbps, or 32Gbps Fibre Channel HBAs
Operating System Options	Windows 10 Professional Windows Server 2012 R2 Standard or Datacenter

\* Depending on RAID Configuration

RAW CAPACITY: UP TO 48 TB

PROCESSING: 16 TO 44 CORES

VIDEO CACHE: 32GB TO 3TB

VIDEO MANAGEMENT GATEWAY

### SYSTEM SPECIFICATIONS

Form Factor	1U Rackmount
# of Hot Swap Disks	4
Max Internal Capacity	48TB
Hardware RAID Controller	12Gbps SAS
RAID Levels	0, 1, 5, 6, 10, JBOD
RAID Cache	1GB
RAID Cache Protection	Optional Flash Module
Processors	Dual Xeon 8 - 22 Cores per CPU
High Speed Video Cache	32GB - 3TB
Ethernet Ports	4 x 1 GbE
Power Supply	Redundant 750W
USB Ports	2 x USB 3.0
Video Ports	1 x VGA
Audio Ports	None
Serial Ports	No
IPMI Management Port	Yes
Optical Drive	DVD+/-RW
Operating Temperature	5°C(41°F) - 40°C(104°F)
Non-Operating Temperature	-40°C(-40°F) - 60°C(140°F)
Dimensions	17.2"(W) x 29"(D) x 1.7"(H)

### RAID CONTROLLER FEATURES:

- ▶▶ Online Capacity Expansion
- ▶▶ Online RAID Level Migration
- ▶▶ Auto-Resume after Loss of Power During Rebuild
- ▶▶ Single Controller Multipathing
- ▶▶ Configurable Stripe Size up to 1MB
- ▶▶ Load Balancing
- ▶▶ Consistency Check for Background Data Integrity
- ▶▶ Patrol Read for Media Scanning and Repairing
- ▶▶ Global & Dedicated Hot Spare w/Automatic Rebuild
- ▶▶ Inband SES & Sideband SGPIO Enclosure Management
- ▶▶ S.M.A.R.T. Support
- ▶▶ Storage Management Utility