



Intrinsa EdgeBlock™  
 StorStac StarterBlock™  
 StorStac BuildingBlock™  
 StorStac PerformanceBlock™

## Intrinsa Shared, Simple & Scalable External IP Storage

### IP Video Storage

- Set up in minutes with the security-friendly StorStac Video Storage Administrator toolset
- Ideal for edge recording, CCTV surveillance systems, and central video repositories, customer-proven in a variety of environments
- Intrinsa IP video storage solutions can cost less than upgrading a single DVR or NVR with fixed captive storage, yet improve DVR/NVR reliability, increase retention capacity, and deliver the benefits of IP
- Record directly from IP network cameras and devices, or connect to existing or new DVRs to extend the life and value of analog technology
- Grow affordably and modularly without rewiring from at little as 2TB to nearly unlimited retention to support maximum resolution and frame rates for days, weeks, months or years of video and data
- Security-Grade IP Video Storage Certified through the StorAlliance Technology Lab member companies for applications and products for Video Management Systems (OnSSI, Milestone Systems, Cisco Systems, VideoProtein, Genetec, IndigoVision, AMAG Technology Inc., JDS Digital Security Systems, Phoenix ISV, Exacq Technologies, VideoNEXT, Pixel Velocity, Vidient), Physical Security Information Management Systems (Proximex, VidSys, CNL, QuantumSecure, Orsus Situational Management), IP cameras (Axis Communications, Bosch, Basler, IQinvision, Grandeye, Lumenera), infrastructure (VMware, Microsoft, Red Hat, Veracity, FireKing, Commend), video analytics and physical security utilities (AgentVI, Cernium, SAM IP Video, TimeSight Systems, Mate Intelligent Video, CoreStreet), authentication, access control and biometrics (Lenel, Imprivata, Privaris, SoftwareHouse, Kaba, XceedID, S2 Security).

### IP Information Technology Storage

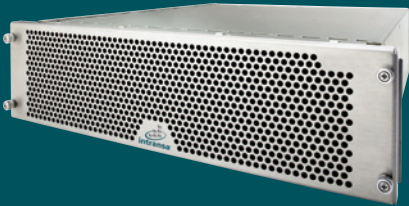
- Fault Resilient and high availability configurations support 1 and 10GbE interfaces for 80 to 3,000 MB/second system throughput and up to 1,500TB of RAID protected, hot-swap SATA-II or SAS capacity
- Advanced management and software features include StorStac Manager (GUI & CLI), dynamic load balancing, clustering, N+1 failover, active/active performance controllers, thin provisioning, snapshots, asynchronous replication, call home & automated email alerts
- Consolidation/virtualization ready and certified with VMware™, Microsoft Exchange 2007™ and Microsoft SQL Server™, as well as VTL, disk-to-disk backup, data warehousing applications, and many other leading applications
- Green IT friendly with low energy consumption/TB SATA disk drives, IP infrastructure and dense configs for minimal environmental impact

### StorAlliance Technology Lab Certified

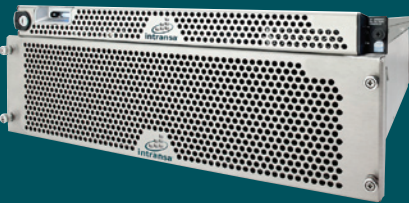
- Intrinsa shared, external IP storage is tested and certified through the Intrinsa StorAlliance Technology Lab program
- Nearly 100 physical security, medical imaging, networking, and information technology vendor products are Intrinsa certified for out-of-the-box connectivity and integration



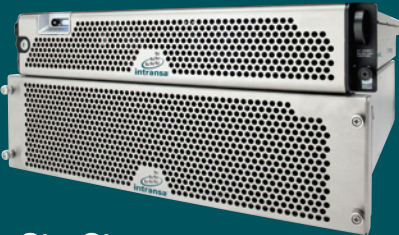
**StorStac StarterBlock™**



**Intrinsa EdgeBlock™**



**StorStac BuildingBlock™**



**StorStac PerformanceBlock™**

QUICK REFERENCE GUIDE

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# QUICK REFERENCE GUIDE

Feature	Intrinsa EdgeBlock™	StorStac StarterBlock™	StorStac BuildingBlock 1/2™	StorStac PerformanceBlock™
<b>Capacity</b>				
Entry Storage Capacity Options	M15: 6 to 15TB SATA, 4.5TB SAS	M4: 2 or 4TB SATA	M15: 6 to 15TB SATA, 4.5TB SAS	M15: 6 to 15TB SATA, 4.5TB SAS
Maximum Storage Capacity	M15: 51TB SATA; 15.3TB SAS	M4: 16TB SATA	M15: 1,500TB	M15: 1,500TB
<b>System Performance</b>				
Fault Resilient Configuration	200MB/second	80MB/second	240MB/second	750MB/second
High Availability (HA) Configuration	400MB/second	N/A	480MB/second	1,500MB/second
HA plus 3rd Performance Controller	N/A	N/A	720MB/second	2,250MB/second
HA plus 4th Performance Controller	N/A	N/A	960MB/second	3,000MB/second
<b>Storage Connectivity</b>				
1Gb Ethernet Ports	2 Fault Resilient; 4 HA	2	2 Fault Resilient; 4 HA; 6 HA+3rd PCU 8 HA+4th PCU	N/A
Bondable for High Speed	Yes	Yes	Yes	Yes
10Gb Ethernet Ports	N/A	N/A	N/A	1 Fault Resilient; 2 HA; 3 HA+3rd PCU 4 HA+4th PCU
Total Aggregate Connectivity	2-4GbE	2GbE	2-8GbE	10-40GbE
<b>Data Protection &amp; Reliability</b>				
Hot-swap Disk Drives	Yes	Yes	Yes	Yes
Global Drive Sparing	Yes	Yes	Yes	Yes
Field Replaceable Major Components	Yes	Yes	Yes	Yes
Redundant, Hot-swap Power Supplies, Fans & Major Components	Yes	NA	Yes	Yes
Controller/DPU Failover	Yes	NA	Yes	Yes
Redundant Data Paths	Yes	NA	Yes	Yes
Advanced RAID	M15: RAID 0, 1, 5, 10	M4: RAID 5	M15: RAID 0, 1, 5, 10	M15: RAID 0, 1, 5, 10
<b>Management &amp; Software</b>				
Intrinsa Management GUI	Yes	Yes	Yes	Yes
Video Storage Administrator GUI	No	Yes	Yes	Yes
DynaStac Thin Provisioning	No	Yes	Yes	Yes
StorAR Remote Replication	No	Yes	Yes	Yes
Snapshots	Yes	No	Yes	Yes
<b>Physical Characteristics</b>				
Base System Form Factor	3U	1U	6U	7U

## Intrinsa Shared, External IP Storage



All Intrinsa Shared, External IP Storage Field Resilient systems feature advanced RAID support, field replaceable major components and hot-swap disk drives. Power supplies and fans are also hot-swappable in all EdgeBlock, BuildingBlock and PerformanceBlock systems. High Availability (HA) configurations for the most demanding environments also feature dual or multiple data paths with no single point of failure.



All Intrinsa Shared, External IP Storage systems are available with protective bezels.

