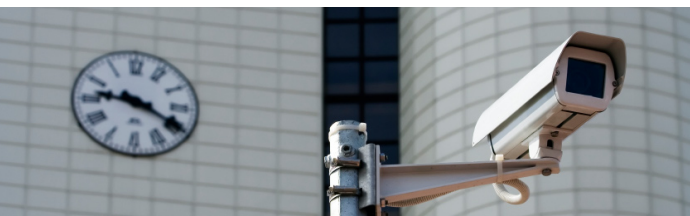
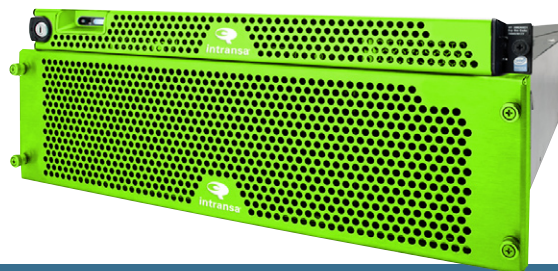




## Intrinsa BuildingBlock™

RECORDING & PLAYBACK STORAGE PLATFORM



- Ultra-scalable recording & playback storage for days, months, or years of retention capacity
- Shrinks the cost of video recording systems
- Extends the life of existing CCTV while adding benefits of IP without risk & expense
- Supports new IP deployments & extends the life & capabilities of existing CCTV for future-proof security
- Reduces electrical use, shrinks heating & cooling, and cuts rack space & equipment needs
- Patented, video-optimization outperforms commodity storage while eliminating risk of lost video
- Risk-free, certified integration with Intrinsa VideoAppliance™ and hundreds of other security & technology products

### **BuildingBlock™ for Smart CCTV Upgrades** *For 1 to Hundreds of DVRs*

A single BuildingBlock™ Video Data Management & Retention™ (VDMR) system can provide recording capacity for one typical DVR, supporting 8, 16 or more channels of analog cameras. That same system can affordably and modularly grow to support dozens or hundreds of DVRs for live recording or video archiving, without halting recording/playback.

BuildingBlock™ extends the life of CCTV systems with advanced, RAID-protected video recording capacity that eliminates the risk of lost video while cutting the amount of required storage. With hot-swap disk drives and redundant power supplies/fans, recording never stops. Email alerts provide advanced warning of little issues before they can ever become big problems. BuildingBlock™ is designed for widely used 1GbE IP networks, with an available upgrade to 10GbE.

Best of all, Intrinsa Smart CCTV Upgrades™ leverage existing DVRs, analog cameras, and even cabling for total investment protection. BuildingBlock™ also supports IP cameras, NVRs, and most other IP physical security devices, enabling the best of both analog and digital worlds. The result is a scalable, affordable solution for existing CCTV while providing a risk-free migration path to IP.

### **BuildingBlock™ for All-IP Surveillance Solutions** *For a Few to Thousands of IP Cameras*

Each BuildingBlock™ Video Data Management & Retention™ (VDMR) system is an advanced, proven recording platform for all-IP solution needs.

BuildingBlock™ can support a typical workload for one, for a dozen, or for up to several thousand of IP cameras, with months to years of retention. A scalable, modular design makes it ideal for use in command centers and tight wiring closet alike, all while delivering maximum uptime & availability.

BuildingBlock™ VDMR technology includes patented video surveillance-optimization (VSOP), outperforming and exceeding the reliability of commodity storage. BuildingBlock™ is ideal for risk-free integration with Intrinsa VideoAppliance™, or with hundreds of certified NVRs, VMS & PSIM systems, access control, life safety and other security, imaging and technology solutions.

For truly green IP solutions, BuildingBlock shrinks the cost of video storage, slashes the amount to storage capacity and equipment needed, cuts electricity, heating and cooling by up to 70%, and reduces necessary rack space typically by at least 50%.

# BuildingBlock™ FR & HA Configurations



## BuildingBlock™ FR (Fault Resilient) Base System

**Dimensions** – 3U rack mount footprint (5.25"/13.34cm height by 19"/482.26cm width)

**Capabilities** – One PCU25 performance controller unit, with redundant, hot-swap power supplies and fans for fault resilient configurations. Dual switched interconnect supporting 1GbE IP networks. Available PerformanceBlock™ 10GbE connectivity option.



## BuildingBlock™ HA (High Availability) Base System

**Dimensions** – 6U rack mount footprint (10.5"/26.68cm height by 19"/482.26cm width)

**Capabilities** – Dual PCU25 performance controller units, with redundant, hot-swap data paths, power supplies and fans for high availability configurations. Dual switched interconnect supporting 1GbE IP networks. Optional 10GbE PerformanceBlock™ connectivity.

## PCU25 Performance Controller Units™

**Dimensions** – 1U rack unit footprint (1.75"/4.45cm height by 19"/482.26cm width)

**Capabilities** – BuildingBlock™ configurations can support additional PCU25s for increased throughput performance and failover reliability. FR configurations can support 3 additional PCUs, while HA configurations can support 2 additional PCUs, to each reach the maximum of 4 PCUs.

## SCE Storage Capacity Enclosure™

**Dimensions** – 3U rack mount footprint (5.25"/13.34cm height by 19"/482.26cm width)



**Capacity** – 15 terabytes (TB) with hot-swap SATA-II disk drives for video retention/playback with dual power supplies and fans. HA SCEs include dual data paths. Up to 8 SCEs can be added to any BuildingBlock™ FR or HA configuration; larger configurations require IntranSA configuration assistance to ensure maximum performance, with up to 1,500TB extended video retention capacity.

## SEE Storage Expansion Enclosure™

**Dimensions** – 2U rack mount footprint (3.5"/4.45cm height by 19"/482.26cm width)



**Capacity** – 12 terabytes (TB) with hot-swap SATA-II disk drives for video retention/playback with dual power supplies and fans; HA SEEs include dual data paths. Up to 3 SEEs can be added to every SCE for additional capacity.

## FEATURES

- BuildingBlock™ eliminates the risk of video loss with advanced RAID 0, 1, 5 & 10 data protection & limits RAID overhead
- Recording capacity scales from 6 to 1,500TB
- Patented, non-stop, non-fragmenting video retention delivers maximum performance with hot-swap disk drives and dual power supplies, fans and data paths, for on-the-fly maintenance
- Fault Resilient configurations exceed reliability of commodity hardware & storage
- High Availability configs eliminate single points of failure for the most demanding needs
- Add modular capacity and performance upgrades without interruption or re-cabling
- Integrates with IntranSA VideoAppliance™ or commodity servers, NVRs, DVRs, & devices
- Easily replace failed components or disk drives without shipping entire DVR/NVR offsite & risking loss of control of recorded video & data
- Includes patented IntranSA Video Data Management & Retention™ (VDMR) technology with Video Storage Administrator™ (VSA) toolset, video surveillance-optimization (VSOP), remote IP access, & replication for video distribution and uploading
- BuildingBlock™ features a comprehensive, full 3 year system hardware and 1 year system software warranty including upgrades & new releases



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