



IntransaBrand™ EnterpriseStorage™

ST350 Series Video Optimized Modular Storage

Technical Specifications

Part Numbers & Configurations

Part No.	Recording Capacity	Useable Capacity	RAID Protection	Expands with	Maximum Raw Capacity	Storage Type	Internal OS Drives
ST350-12TB-1	12TB	10TB	RAID 6	(3) EX900 Expanders	120TB	Hot-Swap SATA-II	(2) 160GB
ST350-24TB-1	24TB	20TB	RAID 6	(3) EX900 Expanders	132TB	Hot-Swap SATA-II	(2) 160GB
ST350-36TB-1	36TB	30TB	RAID 6	(3) EX900 Expanders	144TB	Hot-Swap SATA-II	(2) 160GB

Software

- Video System Administrator (VSA) Console Graphical User Interface (simple to use management tool)
- VSA Storage Manager
 - *Manages & monitors storage capacity, individual components & entire platforms or multiple platforms*
 - *Enables plug-in, modular capacity growth with VA Expander, without rewiring or halting operations*
 - *Eliminates need for system downtime for routine maintenance, supporting non-stop 24x7x365 operation*
 - *Supports & manages advanced RAID 5/6 data protection*
 - *Supports & manages hot-swap disks for non-stop recording & playback*
 - *Supports & manages hot-swap power supplies in ST350 base & EX900 Expanders for non-stop operation*
- VSA Agent
 - *Seamlessly interfaces between ST350 EnterpriseStorage™ module and IntransaBrand EnterpriseServers™ for tight integration*
- VSA System Center
 - *Manage & monitor multiple appliances with a single, powerful interface, regardless of how many appliance modules are physically deployed*
- VSOP Video Stream Optimization
 - *Outperforms commodity storage for video by eliminating fragmentation of recorded video & data for improved long term recording & playback*
- VSA Video Stream Director
 - *Eliminates the complexity of multiple IP network connections for efficient video surveillance applications*

Video Retention Capacity

- Base System with (12) SATA-II hot-swap, low energy/hi density disk drives
 - *12TB (12x1TB) raw capacity*
 - *24TB (12x2TB) raw capacity*
 - *36TB (12x3TB) raw capacity*
- EX900 Expander with (12) SATA-II hot-swap, low energy/hi density disk drives
 - *6TB (12x500GB) raw capacity*
 - *12TB (12x1TB) raw capacity*
 - *24TB (12x2TB) raw capacity*
 - *36TB (12x3TB) raw capacity*
- Extended Systems:
 - *ST350 configurations can add 1 to 3 EX900 Expanders*
- Useable Recording Capacity – ST350 Base with RAID 6 Support Enabled
 - *12TB raw (10TB useable with RAID 6)*
 - *24TB raw (20TB useable with RAID 6)*
 - *36TB raw (30TB useable with RAID 6)*

Network Connectivity

- (2) 1GbE ports for connecting to Host
- Requires minimum (1) ICT Interconnect when connecting to Application Servers

Availability & Reliability

- Hot-swap disk drives (12 in ST350 base; 12 in EX900 Expander)
- Field-replaceable components
- Advanced RAID Support – RAID 6
- UPS recommended for all installations

Power Supplies

- 800W AC dual redundant power supplies, 100-240V, 50-60Hz, 5 Amp
- 1024BTU/hr

Operating System Support for Connected Devices

Operating System	Initiator
Microsoft Windows 2008 R2	Windows iSCSI Initiator Default
Microsoft Windows 2008	Windows iSCSI Initiator Default
Microsoft Windows 7	Windows iSCSI Initiator Default
Microsoft Windows Vista SP1 64bit	Windows iSCSI Initiator Default
Microsoft Windows Vista SP1	Windows iSCSI Initiator Default
Microsoft Windows 2003 SP2 64bit	Windows iSCSI Initiator - latest
Microsoft Windows 2003 SP2	Windows iSCSI Initiator - latest
Microsoft Windows XP SP2	Windows iSCSI Initiator - latest
Red Hat RHEL3	Linux iSCSI Initiator - latest
Red Hat RHEL4	Linux iSCSI Initiator- latest
SUSE Linux 9.2	Linux iSCSI Initiator - latest

Indicators

- Power LED, hard drive activity LED, 2x Network Activity LEDs, System overhead/fan fail LED

Protective Bezel

- Yes, locking

Dimensions

- 2U rack mount
- 3.5" (89mm) height, 17.2" (437mm) width, 25.5" (648mm) depth
- Rail kit for 19" rack mounting included

Gross Weight

- 52 lbs (23.6kg)

Operating Environment/Compliance

- Operating Temperature - 10 to 35°C (50 to 95°F)
- Operating Humidity - 8% to 90% non-condensing
- RoHS compliant 5/6, UL (USA), CUL (Canada), TUV (Germany) EN 6095/IEC 60950 Compliant, CB Report, CCC Certification

Warranty and Support Options

Standard Warranty & Support (Included)

- 3 Years Hardware Warranty
- 3 Years Software Support
- Phone, Email and Web Support M-F 6:00 AM – 6:00 PM Pacific Time
- Ground-shipped Advance Replacement parts

Extended Warranty & Support (Optional)

- Extends Warranty from 3 to 5 years

Front, Back Panels & Network Diagram

