

High Performance & Simplified Data Protection



DVR Storage Unit

SVS-5R



The SVS-5R is a high-capacity external storage device, to compliment Samsung Techwin's DVR range. The SVS-5R supports multiple RAID configurations, which offers enhanced data protection, as well as improved availability of data by distribution optimally across the disk array.

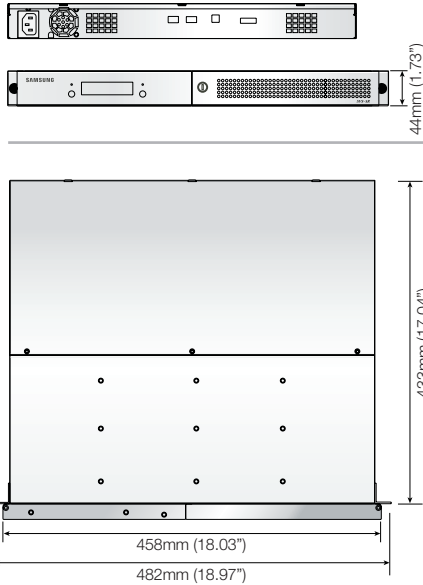
- High data transfer rate, up to 3.0 Gbps (SATA II)
- Install up to 4 SATA Hard Disks
- Choose from multiple RAID configurations
- Hot-swappable Disk Drive Bays
- Front LCD for RAID status display
- USB port for RAID configuration

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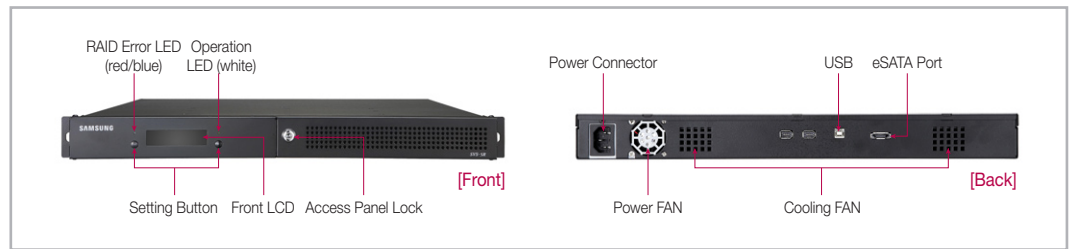
Dimensions Unit: mm (inch)



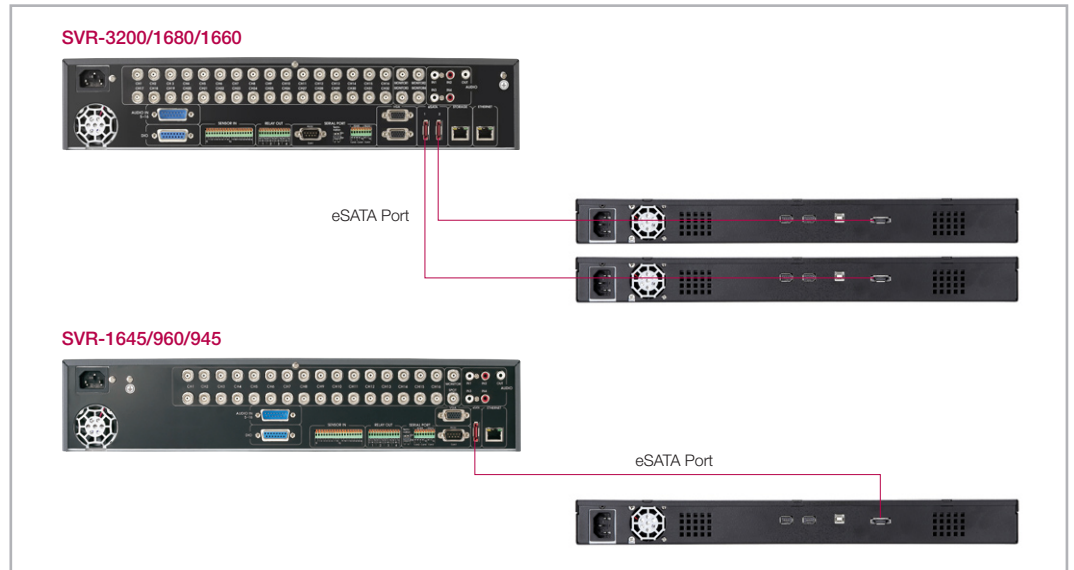
Specifications

	SVS-5R
Transmission Speed	Up to 3.0Gbps (SATA II)
Maximum Capacity	Up to 4TB
Internal HDD	Up to 4 SATA HDDs (Support Hot-Swap Function)
RAID	RAID 0, 1, 0+1, 5
eSATA	1 External SATA ports for DVR connection
USB	USB 2.0, RAID configuration only
Operating Temperature	+5°C ~ +45°C (+41°F ~ +113°F)
Operating Humidity	20%RH ~ 70%RH
Input Voltage	115 ~ 230V AC ±10%, 50/60 Hz, Autoranging
Dimensions (WxHxD)	482 x 44 x 433mm (18.97" x 1.73" x 17.04")
Weight	Approx. 6.4Kg (14.1 lb)
Rack Mount Kit	For mounting one unit in an EIA 19-inch rack
Supported Devices	SVR-3200/1680/1660/1645/960/945
Certifications	FCC (Class A), UL/cUL listed, CE (Class A)

Component Names



DVR Connection



*RAID (Redundant Array of Independent Disks)

RAID technology employs storing redundant data across multiple disk drives to ensure storage reliability against possible data loss. A redundant array of two or more physical disk drives comprises a functional disk drive, the exact setup of which categorizes it into one of the several levels of RAID configurations. RAID 5 is the most common implementation of RAID schemes; it offers a balance of robust data protection and storage capacity by ensuring data integrity against the failure of one physical disk drive.

- **RAID 0:** Distributed data storage for increased access speed and larger storage capacity.
- **RAID 1:** Each physical disk has its own twin, providing high degree of reliability and increased storage capacity.
- **RAID 0+1:** A combination of RAID 0 and RAID 1 configurations.
- **RAID 5:** Data is distributed across three or more disk drives; data recovery is ensured in the event of one disk failure.



Design and specifications are subject to change without notice.



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