

HD PROJECT ORIENTED REDUNDANT VIDEO RECORDING & STORAGE SERVER



IPVS-24R / IPVS-24DR

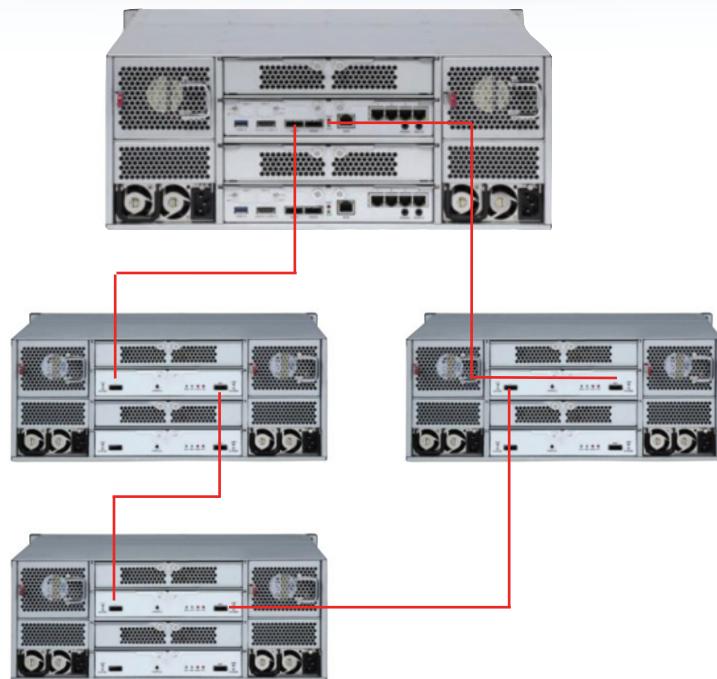
IPVS-48R / IPVS-48DR

24 & 48 HDDs SAS Storage Cabinet Customized system design available for projects

Illustration of scalable architecture for SAS interface,
with dual controller storage units



- Modular, pull-out, cableless design
- Support 6TB HDDs
- Hot swappable HDD trays
- Supports online replacement, online expansion
- All modular hardware design
- Supports expansion device cascade with redundancy
- 24 SATA hot-swappable slots
- Hot swappable HDD trays
- Redundant fans and redundant power supply, for 7x24 uninterrupted performance
- IPVS-24R (single controller 24 bay) / IPVS-24DR (Dual controller 24 bay), 24 SATA hot-swappable slots
- IPVS-48R (single controller 48 bay), IPVS-48DR (Dual Controller 48 bay) 48 SATA hot-swappable slots



Back Panels:



IPVS-24R / IPVS-24DR



IPVS-48R



- WatchNET IPVS-series Video Storage provides maximum scalability to meet enterprise level requirements for video surveillance storage. Supports 48 hot-swappable SATA 6TB HDDs in a 19U standard rack-mount.
- Users can expand to unlimited units of storage as required.
- Provides protection of client data via high performance fault-tolerant design.
- Provides RAID 0,1, 5, 6, 10, 50, 60 and JBOD.
- WEB based system configuration is used for easy setup, no additional software required to be installed.

WatchNET NVR Recording resilience is enhanced with features such as:

- Redundant Power supplies and fans
- Dual controller
- Hot Standby
- Multiple RAID configurations
- MSAS and iSCSI interface

	IPVS-24R / IPVS-24DR / IPVS-48R	IPVS-48RD
Motherboard	Server class (24/7 operation)	
User Interface	Configuration and application upgrades through WEB GUI	
Fan	Redundant two-ball bearing fans, MTBF>100,000 hours	
Chassis	Hot-dip galvanized steel (1.2mm thickened) High-precise aluminum alloy slides, drawer-type HDD rack, conform to SBB2.0	
Power supply	Two 500W, 1+1 redundant, hot swappable	Four 400W, support online replacement
HDD management		
Hard disk	24 HDDs, supports SAS, SATA, supports 6TB HDD, supports 2.5 inch HDD	48 HDDs, supports SAS, SATA, supports 6TB HDD, supports 2.5 inch HDD
HDD Hot Standby	Supports global HDD Hot Standby, exclusive HDD Hot Standby	
HDD install	Independent HDD holder, hot-swappable	
Specification		
Power supply	AC 100V~240V ±10% 60Hz/50Hz	
Power consumption	<500W (include HDD)	<350W (without HDD)
Dimension(W×D×H)	446mm × 175mm × 495mm / 17.56" × 6.9" × 19.5"	445mm × 353mm × 495mm / 17.52" × 13.9" × 19.5"
Mounting	19 inch standard rack-mounted	
Weight	25.54kg / 56.3lb (exclude HDD)	49.92kg / 110lb (exclude HDD)
Environment		
Working temperature	0°C ~ 40°C / 32°F ~ 104°F	

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Rev-Nov 20-2017

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