



## **DS-A1016R IP SAN/NAS Long Term Live Video Storage System**

**Device Model: DS-A1016R**



### **Features:**

- Storage Interface Standards: iSCSI/NFS/CIFS/FTP/HTTP/AFP
- Operating system: Embedded Linux
- Typical Application: Network Storage for DVR/DVS/IP Camera & Central Network Storage
- 16 SATA Disks
- Supports Hot Swap
- Rack-Mount
- Redundant power supply
- RAID 0, 1, 5, 10, 50, JBOD management;
- Network Output: 2 Gigabit NIC, support multi-NIC binding;
- 64bit Dual core processors; 2G Cache (standard, can be extended).

## Specifications:

<b>Model</b>	<b>DS-A1016R</b>
<b>Controller</b>	
Processor	64bit Dual-core Processor
Cache	2GB (Can be extended)
Disk number	16
Disk interface	SATA I , SATA II
Hot swap	YES
RAID	RAID 0,1,5,10,50,JBOD
Network interface	2 Gigabit NIC
Power supply	Redundant power supply
Support OS	Windows 2000 / XP / Server 2003 / NT / Linux / Solaris / HP-UX , AIX , / MacOS
Protocols	iSCSI / NFS / CIFS / FTP / HTTP / AFP
Video format	D1 format (PAL:704*576, NTSC: 704*480, 1Mbps): 180 Channels CIF format (PAL: 352*288, NTSC: 352*240, 512Kbps) : 320 Channels
<b>Performance</b>	
Bandwidth	250MBps
IO per second	80000IOps
<b>Software</b>	
Management	Web GUI, serial CLI, support multi-device management
Software	Hikvision StorOS, RAID, Storage virtualization, Network Virtualization, Monitor tools, System log,
Optional software	Snapshot, Cloning, WORM, Date synchronization, Data security, Date backup, Bandwidth reserved.
<b>Environmental requirements</b>	
Temperature	10°C - 40°C
Humidity	5%-95%