

## Product introduction



vs7116c is a network storage server support management services、storage、forward、login、warning and easy-extensible interfaces .Use 64-bit multi-core servers、 high-performance storage. Support VT-d、 Turbo Mode、 Hyper Threading and Simultaneous multithreading. Supporting web, CMS, center platform management software MYEYE, provide SDK development. Support 200ch 720p/128ch 1080p storage、 manage、 forward。

### Model:

VS7116C

### Features:

**High Performance Platform:** 64-bit multi-core servers, SAS2.0 and PCI-E2.0 high-speed transmission channel.

**High-density design of cases:** 3U Case supports 16pcs hard disks. Advanced design skill of case, adopts intellectual cooling system , creates constant temperature space, overall shielded electromagnetic radiation, anti-interference, antistatic design (EMI) and adapts multiple environments.

**Extensible interfaces :** 1-4 gigabit Ethernet and cache, support SAS cascade expansion ,can increase to 10GB Ethernet and cache, meet usage requirements with different properties.

**Real-time backup of system's key information:** information can be backup in the system and disk, prevent apps beyond retrieve when some hardware doesn't work.

**CPU Intelligent frequency modulation:** according to the availability of CPU to have on dynamic setting in order to reduce system energy consumption.

**Fan's speed regulation precisely and intelligently:** offer smart and precision speed adjustment strategy, besides, enhance cooling effect and lower noise effectively.

**Intelligent sleep of hard disk:** can make part or all of the non- reading and non-writing hard disk come into the sleeping mode, reduce energy consumption, extend the life of the hard disk.

**High-performance streaming data management structure :** achieve pre-allocation strategy based on bare space, avoid the problems that files are unreadable and lost caused by damage of file system, avoid overwrite performance degradation ,ensure stable property.

**The adaptation of a variety of structures:** not only can be storage server with

independent store-and-forward, active registration and alarm, but also can register center management server in the master to be slave server under distributed system.

## Parameters:

Model	VS7116C	
Performance	Video (2Mbps)	200ch manage+200ch video+64ch forward
Controller	Processor	64-bit multi-core processors
	Cache	4GB (max:32G)
Storage	Dish interface	16
	Max disk	240
	Disk capacity	SATA/1T,2T,3T,4T
	RAID	RAID0、1
Storage management	Dish manage	Surveillance detection and restore
	LVM	NAS、iSCSI、video manager
	Date protection	WORM anti-tamper, real-time backup systematic information, clone volumes
Video management	Mode	Support timing、manual、main stream and alarm video, etc.
	Backup	Local backup、offsite backup
	Video protect	Support key lock of video、CVR、Surveillance detection about missing video
	Inquiry	Query by time and types of events
	Download	quick、bulk、segmented and merging download
Equipment management	Management style	GUI based web, CLI, Unified management
	Warn	sound、light、email、massage、web FTP、Mobile phone
	Download the log	Usb flash dish、download from web
Network management	Network protocol	RTSP/ONVIF/iSCSI / NFS / CIFS / FTP / HTTP / AFP
External interface	Date	2*gigabit ethemet, (max:6), have a IPMIinterface
	Management	8258X
	SAS	support
	COM	1, connecet terminal and mobile phone、UPS
	USB	6
	HDMI	2
	VGA	1
Other	Optional components	4*gigabit ethemet
		Discrete graphics
	Power supply	500W (220V)
	Input voltage	100~240V, 60~50Hz
Temperature	Work : 5℃~35℃ Store: -20℃~70℃	

Humidity	Work : 20%~80%RH ( no freezing、 no frosting ) Store: 5%~95%RH ( no freezing、 no frosting )
Size	Rack mounted 3U
Dimension	432mm×132mm×660mm
Weight(without disk)	18Kg