

NVS-500

High performance video recorder with PoE switch



Features

- Built in high power 802.3at PoE Switch (16/24 ports)
- 10/100/1000Base-T and SFP combo uplink port
- Supports Intel 4th Gen Core™ I processor (LGA1150) with Intel Q87 chipset
- Supports two 204-pin SO-DIMM up to 16GB DDR3 1333/1600 SDRAM
- Supports four 3.5" SATA HDD up to 16TB storage
- One 2.5" SATA HDD for OS storage
- Features USB 3.0 & USB 2.0
- Supports triple display of HDMI*2/VGA

Introduction

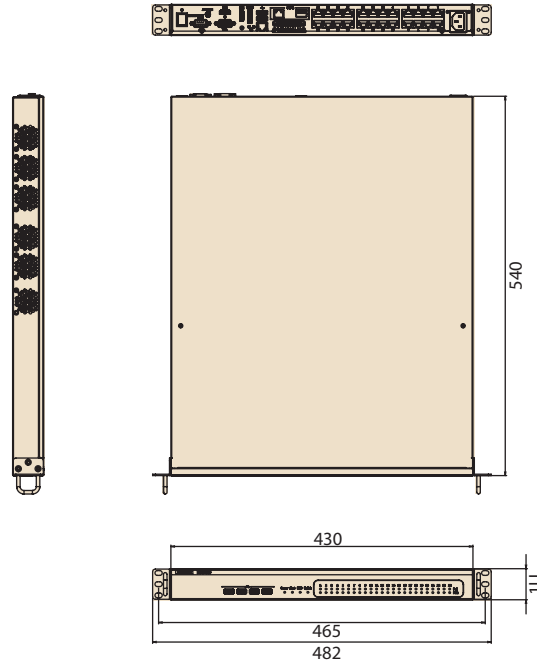
NVS-500, 4th generation Intel core based professional NVR, combines server, network switch and camera power supply (PoE) into one system. It embedded 16 to 24 ports of PoE Lan for camera links with high power budget, and also supports four 3.5" HDD up to 16TB storage capability. NVS-500 can be perfectly applied to diversified usage cases such as banking, building surveillance as well as middle to large floor size of hypermarket.

Specifications

Model	Part Number	NVS-500EP-SA10E		NVS-500EP-SA20E	
System	Processor	4th Gen. Intel Core i7/i5/i3			
	Chipset	Q87			
	Base Frequency	2.4GHz~3.1GHz			
	L3 Cache	3M~8M			
	Memory	Up to 16GB DDR3 SO-DIMM (1333/1600 SDRAM)			
Storage	SATA HDD	3.5" HDD x 4 (Up to 16TB)			
		2.5" HDD x 1 (for OS storage)			
Front Panel	USB 2.0	2			
	USB 3.0	2			
	LED Indicator	Power	1		
		Alert	1		
		HDD	1		
		Uplink	1		
		PoE	16	24	
		Data Link	16	24	
Rear I/O Panel	USB 3.0	2			
	PoE Port	802.3at (10/100)	16	24	
		Total Power	400W		
	Combo Uplink	Gigabit Ethernet	1		
		SFP	1		
	RJ45 (from PCH)	1			
	Display	HDMI	2		
		VGA	1		
Mechanical	eSATA (Gen II)		1		
	Serial		RS-232/422/485 (BIOS Control)		
	DIO		4 in 2 out		
	Line-out		1		
	Dimensions (W x L x H)		430x540x44.5mm (1U)		
Power Management	Input	100-240 V _{AC}			
	Output	Voltage	54V/12V		
Environment	Temperature	Operation	0 to 40° C		
		Storage	-20 to 70° C		
	Humidity	Operation	20% to 90 % RH		

Dimensions

Unit: mm



Ordering Information

Part Number	Product Description	PCH	PoE	PSU
NVS-500EP-SA10E	Intel Core-16 ports PoE NVR	Q87	16	600W
NVS-500EP-SA20E	Intel Core-24 ports PoE NVR	Q87	24	600W

*Note: CPU, memory, storage and operating system bundled by request.