

NVS-150

Compact IP Video Recorder with PoE Switch

Preliminary



Features

- Embedded PoE Switch support
- 10/100/1000Base-T uplink port
- Up to 8 Power over Ethernet ports
- Soldered INAND flash
- Supports 3.5" SATA hard drive disks
- 4 dry contact inputs and 2 relay output
- HDMI and VGA display output

Introduction

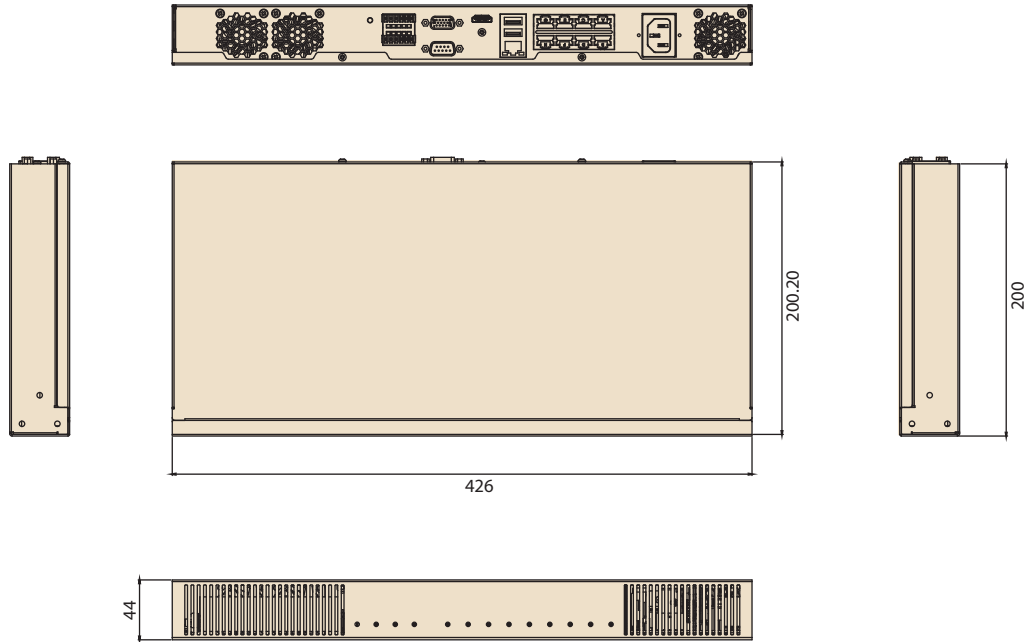
Advantech NVS-150 ARM-based IP video recorder combines the functions of a high performance Network Video Recorder with a power-over-Ethernet (PoE) Switch into one system. It provides PoE ports and HDMI / VGA display output, with automatic configuration, recording, and uplink with specific management software.

Specifications

Model	Part Number		NVS-150EP-SA10E	NVS-150EP-SA20E
System	Processor		TI TMS320DM8168	
	Memory		2GB DDR3-1333	
	Storage		SATA-II 3.5" HDD x 1 On board 4GB INAND flash SD&MMC x 1	SATA-II 3.5" HDD x 2
	Internal fan		2	
Front Panel	USB 2.0		2	
	Indicators	PoE status	8	
		Power	1	
		System status	1	
		HDD	2 (HDD 1~2)	
		Uplink	1	
Rear I/O Panel	PoE Port	802.3af	8	
		Total Power	80W	
	Uplink	Gigabit Ethernet	1	
	Display	HDMI	1	
		VGA	1	
	Serial	RS-232/422/485 switchable		
	DIO	Digital Input	4 (dry contact)	
Digital Output		2 (relay)		
Physical Characteristics	Form factor		1U	2U
	Dimensions (W x L x H)		426 x 200 x 44 mm	426 x 250 x 88 mm
Power Management	Input		100 ~ 240 V _{AC}	
	Output	Voltage	48V/12V	
		Current	2.5A/7.0A	
		Wattage	200W	
Environment	Temperature	Operation	0 to 40° C	
		Storage	-20 to 70° C	
	Humidity	Operation	20% to 90 % RH	
		Storage	5% to 95 % RH	

Dimensions

Unit: mm



Ordering Information

Part Number	Description	PoE Ports	SATA-II 3.5" HDD
NVS-150EP-SA10E	1U Compact IP Video Recorder	8	1
NVS-150EP-SA20E	2U Compact IP Video Recorder	8	2

Optional Items

Part Number	Description
DVSP-100CV-000E	TV-out (composite) converter

Packing List

Item	Quantity
Terminal plug	2
HDD screw	8
Rank mount kits	1