NVS-140

Rugged IP Video Recorder with PoE Switch

Preliminary

Features

- Embedded PoE Switch up to 4 channels
- 10/100/1000Base-T uplink port
- HDMI display output
- mini-PCIe full size card supported
- -20 ~ 85° C wide range operation temperature
- IP66 sealed enclosure with self-sealing gasket resists water, oil & fuel
- Optional finned convection or base-plate conduction heat transfer kits

Specifications

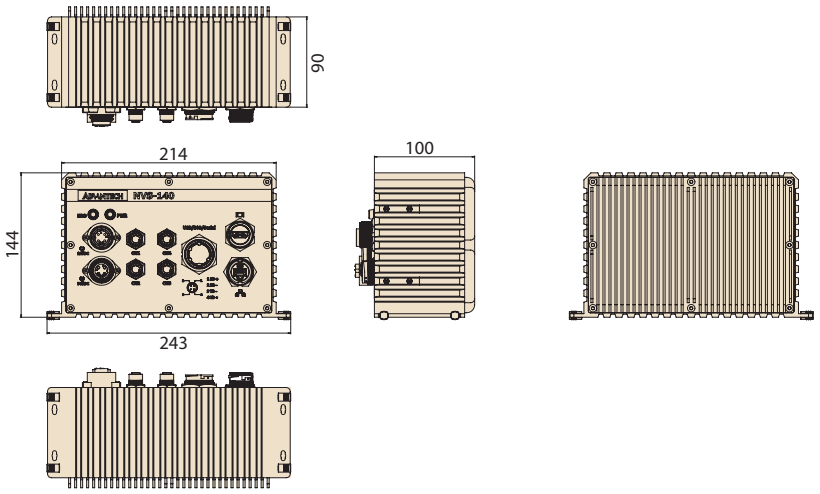
Model	Part Number		NVS-140RP-SE10E	NVS-140RP-SE20E
System	Processor			TI TMS320DM8148
	Memory			2GB DDR3-800
	Storage			SATA-II 2.5" HDD bracket x 1 On board 4GB INAND flash micro-SD socket x 1
Front Panel	I/O	USB 2.0 / DIO / Serial		1 (circular type connector with 31 contacts)
		PoE port (receptacle)		4 (M12 D-code connector with 4 contacts)
		HDMI		1 (circular type connector)
		GbE Uplink		1 (circular type RJ45 connector)
	Power input	System ($12V_{DC}$)		1 (circular type power connector with 2 contacts)
		PoE ($54V_{DC}$)		1 (circular type power connector with 3 contacts)
	Indicators	System Power		1 (red LED)
		HDD status		1 (green LED)
Physical Characteristics	Heat transfer kit		Finned convection	Base-plate conduction
	Gasket	Material		Highly versatile, medium firmness and self-sealing silicone
		Test method		ASTM / UL94,V-0,HF-1
	Dimensions	w/o Handle	W243 x L100 x H144 mm	W243 x L93.5 x H179 mm
Power Management	Input	System		12 V_{DC} ⎓ 7A
		PoE (optional)		54 V_{DC} ⎓ 1.67A
Environment	Temperature	Operation		-20° C to 85° C
		Storage		-40° C to 95° C
	Humidity	Operation		20% to 90 % RH
		Storage		5% to 95 % RH
Certification	EMI/EMC			FCC Class A, CE
	Safety			UL/cUL, CB, CCC
	IP rating			IP66

All product specifications are subject to change without notice

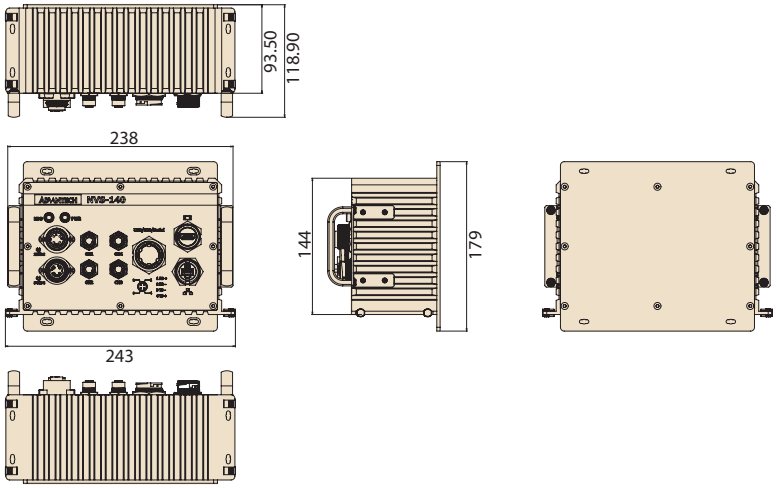
Dimensions

Unit: mm

NVS-140RP-SE10E



NVS-140RP-SE20E



Ordering Information

Part Number	Product Description	PoE Ports	Heat transfer
NVS-140RP-SE10E	Rugged IP Video Recorder with PoE Switch	4	Finned convection cooled
NVS-140RP-SE20E	Rugged IP Video Recorder with PoE Switch	4	Base-plate conduction cooled

Note: $12V_{DC}$ power adapter XVSD-9NA0840515 for system power is included.

Optional Accessories

Part Number	Product Description
XVSD-9NA0905903	54Vdc/1.67A power adapter for PoE functionality
1700024252-01	Overmolded with cable (Cat-5e), M12 D-code, 4 contacts, RJ45 receptacle at the end
1700024253-01	Overmolded with cable (Cat-5e), Circuit type RJ45, RJ45 receptacle at the end
1700024249-01	Overmolded with cable, Circuit type, 31 contacts,
1700024251-01	Overmolded with cable, Circuit type HDMI, HDMI plug at the end
DVSP-100CV-0000E	HDMI to TV-out (composite) converter