



NV Series

Hybrid Capture Card

AVer offers a versatile line of hybrid capture cards, including 4CH, 8CH, and 16CH models; these models are stackable, allowing users to connect up to 32CH IP/analog cameras. The NV capture cards provide users the means to turn an ordinary PC into a powerful surveillance system to accommodate a variety of security project demands. Furthermore, the hybrid capability of the NV capture card series gives users the freedom to connect IP cameras for high quality imaging in critical areas and analog cameras in less critical areas, or where an analog infrastructure is already in place.



Video intelligence

AVer's video intelligence allows operators to cut through the clutter of high-volume videos by detecting unfolding situations in real-time. Preset conditions include suspicious or specified objects detection, scene change, PTZ tracking, face detection with FaceFinder, and many more. This results in the effective management and possible prevention of crises.



POS integration and management via iPOS

The NV hybrid capture card series easily integrates with up to 32 POS systems through its support of general POS protocol. With AVer's iPOS software, users can receive complete transaction data from POS systems for advanced analysis, search, and playback.



High-quality imaging and efficient monitoring

It supports both the 4:3 and 16:9 aspect ratios for video display with up to Full HD video output resolution. The NV capture card series also supports dual monitor output for efficient monitoring and management, such that users can preview images on one monitor, while viewing video playback or E-maps on the other.



Remote software integration

The NV capture card series is compatible with CM3000 and CM3000 Gold for achieving powerful centralized management. The NV series also comes integrated with 3GPP mobile monitoring software, so users can view live video on iPhones, iPads, Android phones and other popular mobile devices.

Video Intelligence object, motion FaceFinder PTZ tracking	IS Intelligent Streaming	Advanced Alarm management	POS integrate up to 32	CMS 1000 DVRs
Security video encryption privacy shield	Mobility iViewer AndroidViewer iBBViewer	Stackability NV card up to 32 channels	SDK Integration software	Access Control integration

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	NV8416T	NV6480T	NV6240T	NV6120T
system				
interface	PCI-e 4x		PCI-e 1x	
operating system	supports Windows® XP (32-bit) / 7 (32 / 64-bit)			
total channel number	16 (stackable up to 2 cards)		8 (stackable up to 2 cards)	4 (stackable up to 2 cards)
max. IP camera input	16		8	4
max. analog camera input	16		8	4
performance				
display (analog)	480 / 400fps (NTSC/PAL)		240 / 200fps (NTSC/PAL)	120 / 100fps (NTSC/PAL)
display (IP)	n/a			
recording (analog)	compression	S/W H.264 / MPEG-4		
	resolution	NTSC: 352 x 240 (CIF), 640 x 480 (VGA), 720 x 240 (Half-D1), 720 x 480 (D1) PAL: 352 x 288 (CIF), 640 x 480 (VGA), 720 x 288 (Half-D1), 720 x 576 (D1)		
	frame rate (NTSC/PAL)	CIF: 480 / 400fps VGA: 480 / 400fps Half-D1: 480 / 400fps D1: 480 / 400fps	CIF: 480 / 400fps VGA: 480 / 400fps Half-D1: 240 / 200fps D1: 160 / 128fps	CIF: 240 / 200fps VGA: 240 / 200fps Half-D1: 240 / 200fps D1: 240 / 200fps
recording (IP)	resolution	up to 5 megapixels per channel, and a total of 80 megapixels for all channels in H.264 / MPEG-4 / MJPEG format		
throughput	n/a			
storage	internal HDD capacity	-		
	internal RAID support	-		
	external HDD support	-		
	iSCSI support	yes		
backup	internal DVD-RW	-		
interface				
monitor	VGA output	supports up to 1920 x 1200 (from graphic card)		
	HDMI output	supports up to 1920 x 1200 (from graphic card)		
	TV output	1 (supports hybrid multi-quad output)		
	spot output	-		
audio	input	16 line-in, 8 KHz sampling rate	8 line-in, 8 KHz sampling rate	4 line-in, 8 KHz sampling rate
	output	-		
MIC	input	-		
alarm	sensor (alarm) input	4 (with I/O card) input voltage: max. DC 6V		
	relay output	4 (with I/O card) voltage range: AC 125V / DC 30V switching current: max. 1A		
network	Ethernet (RJ45)	-		
general				
environmental	operating temperature	0°C~40°C		
mechanical	dimensions (W x H x D)	165 x 109.5 mm	167 x 109.5 mm	
	weight (net)	0.143 kg	0.118 kg	0.113 kg