



Oversee entire operations.

NVD-A Series: Ultra HD network video decoders with 4/9 video outputs

The NVD-A Series of IP video decoders allows for configuration of up to 9 HDMI displays, creating video walls that display live footage from any camera or recorder connected to the network, plus any connected HDMI video inputs. Each decoder can be fully configured and adjusted over the network or with SmartPSS.

- Roaming decoder displays all video feeds on network
- Video wall splicing for up to 36 displays per monitor
- Split screen control with zoom/merge/roam/overlay
- Switch between standard & high definition streams
- Decode up to 12CH 4K, 48CH 1080p or 144CH D1
- Support for audio, alarm, bi-directional talk, RS232, RS485, fisheye dewarp & multi-video split display
- Manage via web browser or VIP Vision™ SmartPSS



Decode up to 48 Channels in 1080p



Powerful User Management



Decode up to 144 Display Devices

Model		NVD-A4	NVD-A9
System	Product Image		
	Processor	Internal Processor	
	Operating System	Embedded Linux	
Performance	Video Format	H.265+ / H.265 / H.264 / MJPEG / MPEG4	H.265+ / H.265 / H.264 / MJPEG / MPEG4 / MPEG2
	Audio Format	PCM / G.711A	PCM / G.711 / AAC
	Video Decoding Capacity (Separate)	Port 1 & 2: 1CH@8K / 4CH@4K / 18CH@1080p / 40CH@720p / 72CH@D1 Port 3 & 4: 1CH@8K / 4CH@4K / 18CH@1080p / 40CH@720p / 72CH@D1	Port 1, 2 & 3: 3CH@12MP / 4CH@4K / 16CH@1080p / 36CH@720p / 48CH@D1 Port 4, 5 & 6: 3CH@12MP / 4CH@4K / 16CH@1080p / 36CH@720p / 48CH@D1 Port 7, 8 & 9: 3CH@12MP / 4CH@4K / 16CH@1080p / 36CH@720p / 48CH@D1
	Video Decoding Capacity (Total)	2CH@8K / 8CH@4K / 36CH@1080p / 80CH@720p / 144CH@D1	9CH@12MP / 12CH@4K / 48CH@1080p / 108CH@720p / 144CH@D1
	Decoding Resolution	32MP / 12MP / 8MP / 6MP / 5MP / 3MP / 1080p / 720p / 960H / D1 / HD1 / 2CIF / CIF / QCIF	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 720p / 960H / D1 / HD1 / 2CIF / CIF / QCIF
	Video Frame Rate	PAL: 1~25fps / NTSC: 1~30fps	
	Video Input	2 x HDMI 1.4	2 x HDMI, 2 x DVI-I
	Video Output	4 x HDMI (2 x HDMI 2.0, 2 x HDMI 1.4), 2 x BNC	9 x HDMI
	Collection Resolution	4096 x 2160 @ 24fps / 3840 x 2160 @ 30fps / 1920 x 1080 and lower @ 60fps	
	Display Resolution	Odd interfaces: 3840 x 2160 / 1920 x 1080 / 1280 x 1024 / 1280 x 720 / 1024 x 768 Even interfaces: 1920 x 1080 / 1280 x 1024 / 1280 x 720 / 1024 x 768	3840 x 2160 / 2560 x 1600 / 1920 x 1080 / 1280 x 1024 / 1280 x 720 / 1024 x 768 (6 ports support 3840 x 2160, 3 ports support 2560 x 1600)
	Display Split	1 / 4 / 6 / 8 / 9 / 16 / 25 / 36	1 / 4 / 9 / 16
	Bi-directional Talk	1 Pair 3.5mm jack (2.0V Line in / 50mV Mic in / 10KΩ, 2.0V / 16Ω out)	
	Alarm Input	8ch	4ch
	Alarm Output	8ch relay out (30VDC 1A, 125VAC, 0.5A)	4ch relay out (30VDC 1A, 125VAC, 0.5A)
Communication Interface	1 RJ45 network port (10M/100M/1000M); 2 RS232; 1 RS485		
Environment	Power Supply	12VDC 5A	100 ~ 240VAC, 50Hz-60Hz
	Power Consumption	≤40W	≤70W
	Operating Temperature	-10°C~+55°C, 10%~95%RH (86Kpa ~ 106Kpa)	
	Dimensions	440 x 322 x 44mm (1U)	440 x 408 x 70mm (1U)
Weight	3.23kg	4.83kg	
Application	Back Panel Images	 NVD-A4	
		 NVD-A9	