



# 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	 	
	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	 <p style="text-align: center;">NVD-A4</p>	
	 <p style="text-align: center;">NVD-A9</p>	

Your local VIP Vision™ IP solutions professional:

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