



# Oversee entire operations.

## NVD-A Series: Ultra HD network video decoders with 2, 6 or 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 38 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-A2	NVD-A6	NVD-A9	
System	Product Image				
	Processor	High-Performance Embedded Processor			
	Operating System	Embedded Linux			
Performance	Video Format	H.265 / H.264	H.265+ / H.265 / H.264 / MJPEG / MPEG4 / MPEG2		
	Audio Format	PCM	PCM / G.711 / AAC		
	Video Decoding Capacity (Separate)	Decodes maximum 2CH@8MP(25fps), 3CH@6MP(25fps), 5CH@5MP(25fps), 5CH@4MP(25fps), 7CH@3MP(25fps), 10CH@1080p(30fps) and 32CH@D1(30FPS) Simultaneously	Port 1~3: 3CH@12MP(15fps), 4CH@8MP, 16CH@1080p, 36CH@720p, 64CH@D1 Port 4~6: 3CH@12MP(15fps), 4CH@8MP, 16CH@1080p, 36CH@720p, 64CH@D1	Port 1~3: 3CH@12MP, 4CH@8MP, 16CH@1080p, 36CH@720p, 48CH@D1 Port 4~6: 3CH@12MP, 4CH@8MP, 16CH@1080p, 36CH@720p, 48CH@D1 Port 7~9: 3CH@12MP, 4CH@8MP, 16CH@1080p, 36CH@720p, 48CH@D1	
	Video Decoding Capacity (Total)		2CH@32MP, 8CH@8MP, 32CH@1080p, 72CH@720p, 128CH@D1	9CH@12MP, 12CH@8MP, 48CH@1080p, 108CH@720p, 144CH@D1	
	Decoding Resolution	8MP / 6MP / 5MP / 3 MP / 1080p / 960H / D1	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	PAL: 1~25fps / NTSC: 1~30fps		
	Video Input	-	2 x HDMI, 2 x DVI-I		
	Video Output	2 x HDMI	6 x HDMI	9 x HDMI	
	Collection Resolution	-	Up to 3840 x 2160 (4K / 8MP)		
	Display Resolution	1024 x 768@60Hz, 1280 x 720@60Hz, 1280 x 1024@60Hz, and 1920 x 1080@60Hz	3840 x 2160 / 2560 x 1600 / 1920 x 1080 / 1280 x 1024 / 1280 x 720 / 1024 x 768 (4 ports support 3840 x 2160, 2 ports support 2560 x 1600)	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 split Supports M x N custom split and M x N < 36	1 / 4 / 6 / 8 / 9 / 16 / 25 / 36 or Free Split		1 / 4 / 9 / 16
	Audio Output	2 x HDMI (embedded), 1 x 3.5mm	6 x HDMI (embedded)	9 x HDMI (embedded)	
	Bi-directional Talk	-	1 Pair 3.5mm jack (2.0V line in / 50mV mic in / 10KΩ, 2.0V16Ω out)		
	Alarm Input/Output	-	4 channel input / 4 channel relay output (30VDC 1A, 125VAC, 0.5A)		
Communication Interface	1 x RJ45 network port (10/100/1000M), 1 x RS232 (via RJ45), 3 x USB	2 x RJ45 network port (10M/100M/1000M), 3 x RS232(2 x RJ45, 1 x DB9), 1 x RS485			
Environment	Power Supply	100-240 VAC, 50-60Hz	100 ~ 240VAC, 50Hz-60Hz		
	Power Consumption	<24W	≤70W		
	Operating Temperature	-10°C to +55°C	-10°C ~ +55°C, 10%~95%RH (86Kpa ~ 106Kpa)		
	Dimensions	150.0 mm x 92.0 mm x 32.8 mm (L x H x W)	440 x 408 x 70mm (1.5U)		
	Weight	0.30kg	4.83kg		
Application	Back Panel Images				

Your local VIP Vision™ IP solutions professional: