

# NVD0405DH-2I-4K

## Ultra-HD Network Video Decoder



### Features:

- 2ch@8K/8ch@4K/36ch@1080P/144ch@D1 real-time decoding ability
- 2ch HDMI input max support 4K@30fps collection
- 2ch HDMI output (only for odd interfaces) max support 4K@60fps output
- Supports up to 4 video-wall display units or monitors
- Splicing screens control for zoom/merge/roam/overlay
- Supports 1/4/6/8/9/16/25/36 and free split
- Fisheye dewarp function, supports multi-video split display in ceiling mount, wall mount, ground mount installation mode
- Supports alarm, RS232, RS485



### Technical Specification

#### System

Processor	Embedded processor	
Operating System	LINUX	

#### Performance

Video Format	H.265+/H.265/H.264/MJPEG/MPEG4	
Audio Format	PCM/G.711A	
Decoding Capacity Separately	Port 1, 2	Port 3, 4
	1CH@8K/4CH@4K/18CH@1080P/40CH@720P/72CH@D1	1CH@8K/4CH@4K/18CH@1080P/40CH@720P/72CH@D1
Total Video Decoding	2CH@8K/8CH@4K/36CH@1080P/80CH@720P/144CH@D1	
Decoding Resolution	32MP/12MP/8MP/6MP/5MP/3MP/1080P/720P/960H/D1/HD1/2CIF/CIF/QCIF	
Video Frame Rate	PAL:1-25fps ,NTSC:1-30fps	
Video Input	2ch@HDMI 1.4	
Video Output	2ch@HDMI 2.0(the odd), 2ch@HDMI 1.4(the even), 2ch@BNC	
Collection Resolution	4096×2160@24fps/3840×2160@30fps/1920×1080@60fps/1680×1050/1440×900/1366×768/1280×1024/1280×960/1280×800/1280×720/1152×864/1024×768/800×600ps/1680×1050/1440×900/1366×768/1280×1024/1280×960/1280×800/1280×720/1152×864/1024×768/800×600	
Display Resolution	Odd interfaces: 3840×2160@60fps/1920×1080@60fps/1280×1024/1280×720/1024×768 Even interfaces: 1920×1080@60fps/1280×1024/1280×720/1024×768	
Bi-directional Talk	1 Pair 3.5mm jack (reserved) (2.0V Line in/50mV Mic in/10KΩ, 2.0V/16Ω out)	
Alarm Input	8ch	
Alarm Output	8ch relay out (30VDC 1A, 125VAC, 0.5A)	
Communication Interface	1 RJ45 network port (10M/100M/1000M); 2 RS232; 1 RS485	

### Others

Power Supply	DC12V, 5A
Power Consumption	≤40W
Working Temperature	-10 °C to +55 °C (14 °F to 131 °F)
Working Humidity	10% ~ 95%, 86Kpa ~ 106Kpa
Unit Dimension	1U, 440×322.25×44mm(17.32 × 12.69 × 1.73 inch), (W*D*H)
Weight	3.23kg(7.12 lb)

### Dimensions(mm)

