

# NVD1805DH-4I-4K

## Ultra-HD Network Video Decoder



### Features:

- Standard 2.5U case, elegant appearance
- Plug-in board design, easy to use and maintain
- H.265/H.264/MJPEG/MPEG4/MPEG2 video decoding
- Ultra-high decoding ability, up to 12 Megapixels
- 2ch HDMI and 2ch DVI-I input, support 4K collection(HDMI)
- Support 1/4/9/16 display split
- Support audio, alarm, bi-directional talk, RS485
- Splicing screens control for zoom/merge/roam/overlay
- Support redundant power, stable and reliable



### Technical Specification

#### System

Processor	Intel Embedded processor
Operating System	LINUX
Slot	1 Main board, 2 Decoding board(6CH), 1 Decoding board(3CH), 1 Collection board, 1 Blank panel

#### Performance

Video Format	H.265/H.264/MPEG2/MJPEG																		
Audio Format	PCM/G711/AAC																		
Decoding Capacity Separately	<table border="1"> <thead> <tr> <th>Port</th> <th>Port</th> <th>Port</th> <th>Port</th> <th>Port</th> <th>Port</th> </tr> <tr> <th>1,2,3</th> <th>4,5,6</th> <th>7,8,9</th> <th>10,11,12</th> <th>13,14,15</th> <th>16,17,18</th> </tr> </thead> <tbody> <tr> <td colspan="6">3CH@12MP/4CH@4K/8CH@5MP/10CH@3MP/16CH@1080P/36CH@720P/48CH@D1</td> </tr> </tbody> </table>	Port	Port	Port	Port	Port	Port	1,2,3	4,5,6	7,8,9	10,11,12	13,14,15	16,17,18	3CH@12MP/4CH@4K/8CH@5MP/10CH@3MP/16CH@1080P/36CH@720P/48CH@D1					
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3CH@12MP/4CH@4K/8CH@5MP/10CH@3MP/16CH@1080P/36CH@720P/48CH@D1																			
Total Video Decoding	18CH@12MP/24CH@4K/48CH@5MP/60CH@3MP/96CH@1080P/216CH@720P/288CH@D1																		
Decoding Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/720P/960H/D1/HD1/2CIF/CIF/QCIF																		
Video Output	18ch HDMI																		
Display Resolution	3840×2160/2560×1600/1920×1080/1280×1024/1280×720/1024×768																		
Video Input	2 HDMI, 2 DVI-I																		
Collection Resolution	3840×2160/1920×1080/1600×1200/1680×1050/1440×900/1400×1050/1366×768/1280×1024/1280×960/1280×800/1280×720/1152×864/1024×768/800×600, etc																		
Audio Output	18ch HDMI																		

Bi-directional Talk	1 Pair 3.5mm jack (2.0V Line in/50mV Mic in/10KΩ, 2.0V/16Ω out)
Alarm Input/Output	2CH/1CH(30V DC 1A, 125V AC 0.5A)
Communication Interface	2 RJ45 network port (10M/100M/1000M)
RS232	3 (1 DB9, 2 RJ45)
USB	3 (2 USB3.0, 1 USB2.0)
RS485	1

#### Others

Power Supply	AC100-127V, 200-240V, 47Hz-63Hz
Power Consumption	≤180W
Working Temperature	-10℃~+55℃
Working Humidity	10% ~ 95%, 86Kpa ~ 106Kpa
Unit Dimension	2.5U, 440×436.6×110mm(17.32 × 17.19 × 4.33 inch), (W*D*H)
Weight	11.94kg(26.32 lb)

Dimensions(mm)

