

# NVD2105DH-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, 3 Decoding board(6CH), 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"> <tr> <td>Port 1,2,3</td> <td>Port 4,5,6</td> <td>Port 7,8,9</td> <td>Port 10,11,12</td> <td>Port 13,14,15</td> <td>Port 16,17,18</td> <td>Port 19,20,21</td> </tr> </table> 3CH@12MP/4CH@4K/8CH@5MP/10CH@3MP/16CH@1080P/36CH@720P/48CH@D1	Port 1,2,3	Port 4,5,6	Port 7,8,9	Port 10,11,12	Port 13,14,15	Port 16,17,18	Port 19,20,21
Port 1,2,3	Port 4,5,6	Port 7,8,9	Port 10,11,12	Port 13,14,15	Port 16,17,18	Port 19,20,21		
Total Video Decoding	21CH@12MP/28CH@4K/56CH@5MP/70CH@3MP/112CH@1080P/252CH@720P/336CH@D1							
Decoding Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/720P/960H/D1/HD1/2CIF/CIF/QCIF							
Video Output	21ch 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	21ch 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	-10C~+55C
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	12.03kg(26.52 lb)

Dimensions(mm)

