

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> <tr> <td colspan="7">3CH@12MP/3CH@4K/5CH@5MP/8CH@3MP/12CH@1080P/27CH@720P/48CH@D1</td> </tr> </table>	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	3CH@12MP/3CH@4K/5CH@5MP/8CH@3MP/12CH@1080P/27CH@720P/48CH@D1						
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3CH@12MP/3CH@4K/5CH@5MP/8CH@3MP/12CH@1080P/27CH@720P/48CH@D1															
Total Video Decoding	21CH@12MP/21CH@4K/35CH@5MP/56CH@3MP/84CH@1080P/189CH@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, 440mm×436.6mm×110mm(W*D*H)
Weight	15kg

Dimensions(mm)

