

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.265/ H.264/ MPEG4/ MPEG2/ MJPEG video decoding
- Ultra-high decoding ability, up to 32 Megapixels
- 2ch HDMI and 2ch DVI-I input, supports 4K collection
- Supports 1/4/6/8/9/16/25/36 and free split
- Supports alarm, RS232, RS485
- Splicing screens control for zoom/merge/roam/overlay
- Supports redundant power, stable and reliable



Technical Specification

System

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|------------------|---|
| Processor | 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.265/ H.264/ MPEG4/ 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">1CH@32MP(25fps)/3CH@12MP(15fps)/4CH@8MP/16CH@1080P/64CH@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 | 1CH@32MP(25fps)/3CH@12MP(15fps)/4CH@8MP/16CH@1080P/64CH@D1 | | | | | |
| Port | Port | Port | Port | Port | Port | | | | | | | | | | | | | | |
| 1,2,3 | 4,5,6 | 7,8,9 | 10,11,12 | 13,14,15 | 16,17,18 | | | | | | | | | | | | | | |
| 1CH@32MP(25fps)/3CH@12MP(15fps)/4CH@8MP/16CH@1080P/64CH@D1 | | | | | | | | | | | | | | | | | | | |
| Total Video Decoding | 6CH@32MP(25fps)/18CH@12MP(15fps)/24CH@8MP/48CH@5MP/60CH@3MP/96CH@1080P/216CH@720P/384CH@D1 | | | | | | | | | | | | | | | | | | |
| Decoding Resolution | 32MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/720P/960H/D1/HD1/2CIF/CIF/QCIF | | | | | | | | | | | | | | | | | | |
| Video Output | 18ch HDMI | | | | | | | | | | | | | | | | | | |
| Display Resolution | 3840×2160(30fps)/2560×1600/1920×1080/1280×1024/1280×720/1024×768 | | | | | | | | | | | | | | | | | | |
| Video Input | 2 HDMI, 2 DVI-I | | | | | | | | | | | | | | | | | | |
| Collection Resolution | 3840×2160(HDMI 2)/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 (embedded) | | | | | | | | | | | | | | | | | | |

| | |
|-------------------------|--|
| Bi-directional Talk | 1 Pair 3.5mm jack (reserved) (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)

