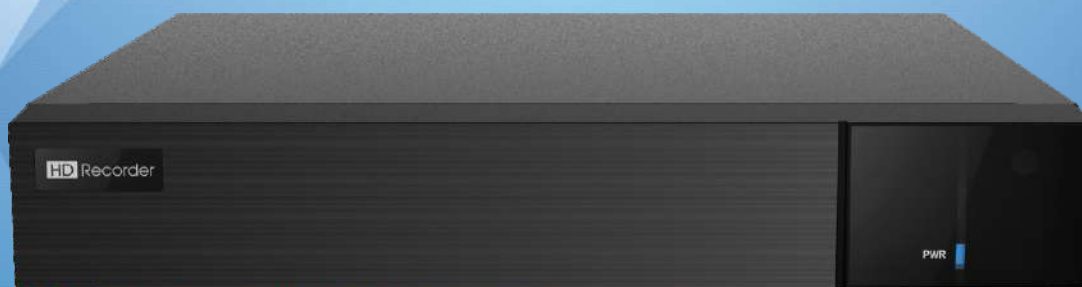


Hybrid DVR

4/8CH Hybrid DVR



NTD-2104NS-HC-H
NTD-2108NS-HC-H



NTD-2104/08NS-HC-H series are 4 / 8 CH 1080P high definition DVRs with ability to connect analog and IP cameras simultaneously, which adopt the standard H.265 high profile compression format and the most advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system. NTD-2104/08NS-HC-H support 4 / 8CH video input, 1 / 1 CH audio input, simultaneous 4 / 8 CH playback.

These products are classified as class A equipment. The operation of this equipment in a residential environment could cause radio interference. In such cases, the user may be required to take corrective actions.



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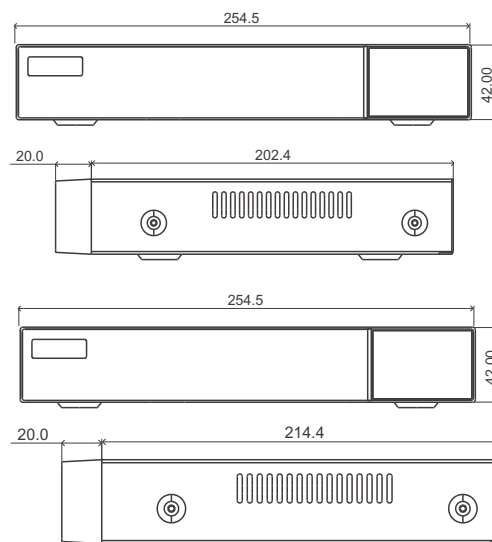
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Features

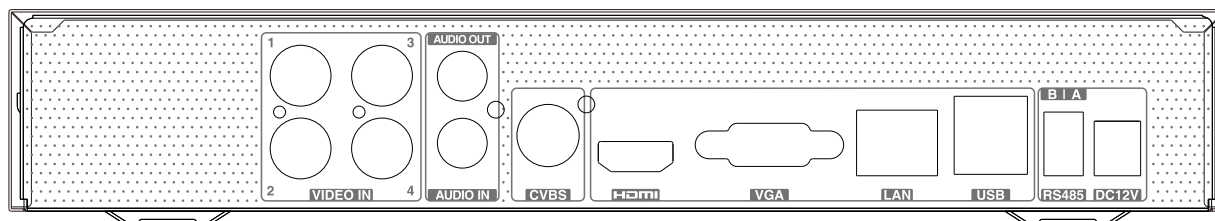
- 4 / 8 CH DVR supports TVI / AHD/CVI 5MP/4MP/1080P/720P/WD1 video input
- 4 / 8CH DVR supports 2 / 4 CH 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video input by default
- 4CH DVR: 4CH analog video input can be switched to 4CH IP video input
- 8CH DVR: 8CH analog video input can be switched to 8CH IP video input
- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse
- Multi-mode recording: manual / timed / sensor / motion / AI recording
- Playback : 4 / 8 CH simultaneously playback
- Search: time slice, time, event, tag search
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web or CMS : preview, playback, backup, PTZ and configuration
- Authorization management, log review and device status review
- Support 1080P output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

Dimensions

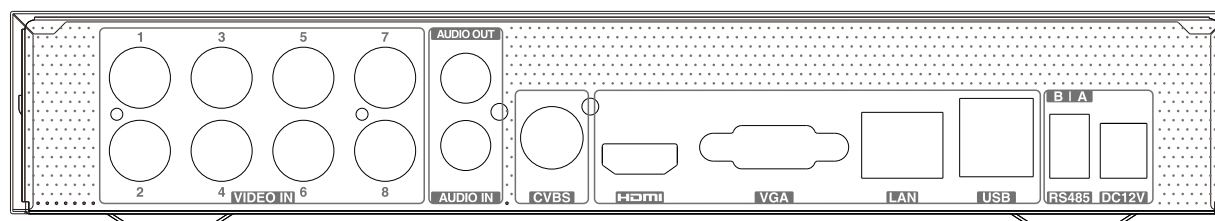


Rear Panel

NTD-2104NS-HC-H



NTD-2108NS-HC-H



SPECIFICATIONS

| Model | | NTD-2104NS-HC-H | NTD-2108NS-HC-H |
|---------------|------------------------------------|--|---------------------|
| System | OS | Embedded Linux | |
| Video | Analog Video Input | BNC × 4 | BNC × 8 |
| | | BNC interface (1.0Vp-p; 75Ω) | |
| | | TVI/AHD/CVI: 5MP/4MP/1080P/720P/WDI | |
| | IP Video Input | 2CH (up to 6CH) | 4CH (up to 12CH) |
| | | Up to 5MP@30fps | Up to 5MP@30fps |
| | Total Input | 6CH | 12CH |
| | Output | HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 BNC × 1 : CVBS (used as the main or spot output) | |
| | Compression | H.264/H.265/H.265+ | |
| | Multi-screen Display | 1/4/6/9 | 1/4/6/8/9/13/16 |
| Audio | Input | RCA × 1 | |
| | Output | RCA × 1 (linear, 600Ω) | |
| | Two-way audio | Take up channel one audio input | |
| | Compression | G.711(U/A) | |
| Record | Resolution | 5MP Lite/4MP Lite/1080P/1080P Lite/720P/WDI | |
| | Frame Rate | Analog Channel: 5MP Lite :10fps; 4MP Lite/1080P : 12fps (PAL)/15fps (NTSC) ; 1080P Lite/720P/WDI : 25fps (PAL)/30fps (NTSC) IP Channel: 25fps (PAL)/30fps (NTSC) | |
| | Bit Rate | 32Kbps ~ 4Mbps | 32Kbps ~ 4Mbps |
| | Mode | Manual, timer, motion, smart event | |
| Playback | Playback | 4CH | 8CH |
| | Search | Time slice / time / event / tag search | |
| | Smart Search | Highlight colors to display the camera record in a certain period of time, different colors refer to different record events | |
| | Function | Play, pause, FF, FB, digital zoom, etc. | |
| Alarm | Mode | Manual, motion, exception, smart event | |
| | Input | No | |
| | Output | No | |
| AI Function | Smart Motion Detection Performance | 4CH | 8CH |
| | Perimeter Protection Performance | 1CH | 1CH |
| Network | Interface | RJ 45 100Mbps × 1 | |
| | Protocol | TCP / IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, 802.1x, FTP, RTP, RTSP, RTCP, NTP, SMTP, UDP, Websocket, SNMP, IGMP | |
| | Incoming Bandwidth | 16Mbps(max.36Mbps) | 32Mbps (max.60Mbps) |
| | Outgoing Bandwidth | 40Mbps | 60Mbps |
| | Client Connection | Max. 5 users access | Max. 5 users access |
| Mobile Device | OS | iOS, Andriod | |
| Storage | HDD | SATA × 1, up to 10TB | |
| Backup | Local Backup | U disk, USB mobile HDD | |
| | Network Backup | Yes | |
| Port | RS 485 | RS 485 × 1 (half-duplex) | |
| | USB | USB 2.0 × 2 (in the rear panel) | |
| | Remote Controller | Optional | |
| Others | Power Supply | DC12V / 1.5A | DC12V / 2A |
| | Consumption | ≤5W(without HDD) | ≤8W(without HDD) |
| | Dimensions(mm) | 255× 222× 42(W × D × H) | |
| | Working Environment | -10~50°C, 10%~90% (humidity) | |
| | Certificate | CE, FCC | |
| | Environmental Protection | Comply with Directive EU RoHS, WEEE, REACH | |