NVR-3204/3208/3216

4/8/16 Channel 1U Network Video Recorder

Dual Core PROCESSOR

4/8/16CH

H.264/ MPEG4

D1 — Max 400/480fps

720P — Max 200/240fps

1080P — Max 100/120fps

Max 6TB

1080p — HDMI / VGA

ONVIF
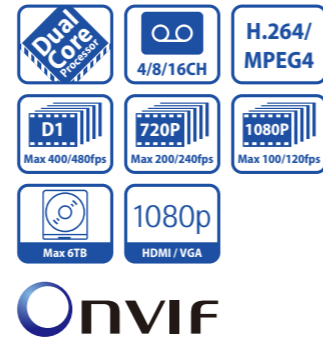
Model

NVR-3204: 4 channel@D1, 2 channel@720P, 1 channel@1080P IP camera inputs, It can support HDMI, VGA, USB2.0 and 2 HDDs.
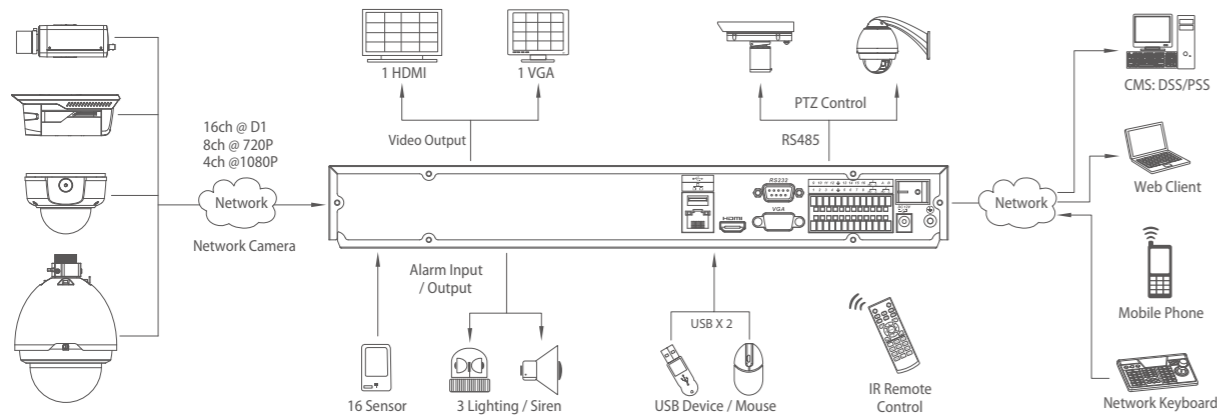
NVR-3208: 8 channel@D1, 4 channel@720P, 2 channel@1080P IP camera inputs, It can support HDMI, VGA, USB2.0 and 2 HDDs.

NVR-3216: 16 channel@D1, 8 channel@720P, 4 channel@1080P IP camera inputs, It can support HDMI, VGA, USB2.0 and 2 HDDs.

Features

- 4/8/16 channel 1U standalone Network Video Recorder
- Dual-core CPU presents the powerful preview, recording, playback and network performance
- Up to 4 channel 1080P cameras realtime live view
- H.264/MPEG-4 dual codec decoding
- Up to 16 channel@D1, 8 channel@720P, 4 channel@1080P realtime recording
- All channel simultaneous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras such as: Dahua, Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, Videosec, ONVIF
- Support remote network camera encoding setting & image adjustment
- IP Search feature to automatically discover network cameras
- Support 2 SATA HDDs up to 6TB, 2 USB2.0
- Built-in web server, CMS(DSS/PSS) & DMSS

System Connection

* Take NVR-3216 for the example

Specifications

Model	NVR-3204	NVR-3208	NVR-3216
System			
Main Processor	High performance Dual-core embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
Video			
IP Camera Input	4ch@D1 / 2ch@720P / 1ch@1080P	8ch@D1 / 4ch@720P / 2ch@1080P	16ch@D1 / 8ch@720P / 4ch@1080P
IP Camera Supported List	Dahua, Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF		
Output	1 HDMI (video & audio), 1 VGA		
Display			
Display Split	1/4	1/1/4	1/4/8/9
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Tour Display	Support		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
OSD	Camera title, time, video loss, camera lock, motion detection, recording		
Recording			
Compression	H.264 / MPEG4		
Recording Resolution	1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)		
Max Recording Speed	100/120fps@D1, 50/60fps@720P , 25/30fps@1080P	200/240fps@D1, 100/120fps@720P , 50/60fps@1080P	400/480fps@D1, 200/240fps@720P , 100/120fps@1080P
Recording Bit Rate	Up to 8Mbps	Up to 16Mbps	Up to 32Mbps
Recording Quality	CBR, VBR(1~6 level, level 6 is the best)		
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop		
Recording Priority	Manual >Alarm >MD >Regular		
Recording Interval	1~120 min (default: 60 min)		
Video Detection & Alarm			
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips		
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)		
Video Loss & Camera Blank	Support		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	3 channel		
Playback & Backup			
Playback Channel	1/2/4/All		
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	Flash drive / USB HDD / USB CD&DVD-RW / Network download		
Network			
Ethernet	RJ-45 port (10/100M/1000M)		
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS etc)		
Max Remote Users	20 Users simultaneously		
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
Hard Disk			
Hard Disk	2 SATA ports, Up to 6TB		
Space Occupation	Max 3.6GB/H per channel		
HDD Management	HDD Group, HDD hibernation technology, HDD faulty alarm & Raid(Redundancy)		
Auxiliary Interface			
USB Interface	2 ports, 1 for mouse control, 1 for backup		
RS232	Dahua keyboard, PC communication		
RS485	PTZ control		
Environmental			
Power Supply	DC12V/3.3A		
Power Consumption	20W(without HDD)		
Working Environment	-10 ~+55℃ / 10~90%RH / 86~106kpa		
Dimension	1U, 375mm×285mm×45mm(W×D×H)		
Weight	2.3KG(without HDD)		