Model	DH-NVR5208-8P-4KS2
System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Video& Audio	
IP Camera Input	8 channel
Two-way Talk	1 channel Input, 1 channel Output, RCA
Display	
Interface	1 HDMI (up to 3840x2160), 1 VGA
Resolution	3840x2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.265/H.264/MJPEG/MPEG4
Resolution	12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc.
Record Rate	320Mbps
Bit Rate	16kbps~ 20Mbps for per channel
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	4 channel
Relay Output	2 channel
Playback & Backup	
Sync Playback	1/4/8
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	USB Device/Network/Internal SATA burner
Network	
Ethernet	1 RJ-45 port (10/100/1000Mbps)
PoE	8 ports (IEEE802.3af/at) for PoE model
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.), P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Storage	
Internal HDD	2 SATA ports, up to 12TB
Auxiliary Interface	
USB	2 ports (1 Rear USB3.0,1 Front USB2.0)
RS232	1 port, For PC communication&Keyboard
General	
Power Supply	Single, DC12V/4A for non-PoE model Single, AC 100~240V, 50/60 Hz for PoE model
Power Consumption	NVR: 9.5 W for non-PoE model(without HDD) 15.2W for PoE model(without HDD) PoE: Max 25.5W for single port, 130W in total
Working Environment	-10°C~+55°C / 10%~90%RH / 86~106kpa
Dimension (W×D×H)	1U, 375mm×282mm×56mm(non-PoE model) 375mm×327mm×53mm(PoE model)
Weight	1.6KG for non-PoE model(without HDD) 2.6KG for PoE model(without HDD)