

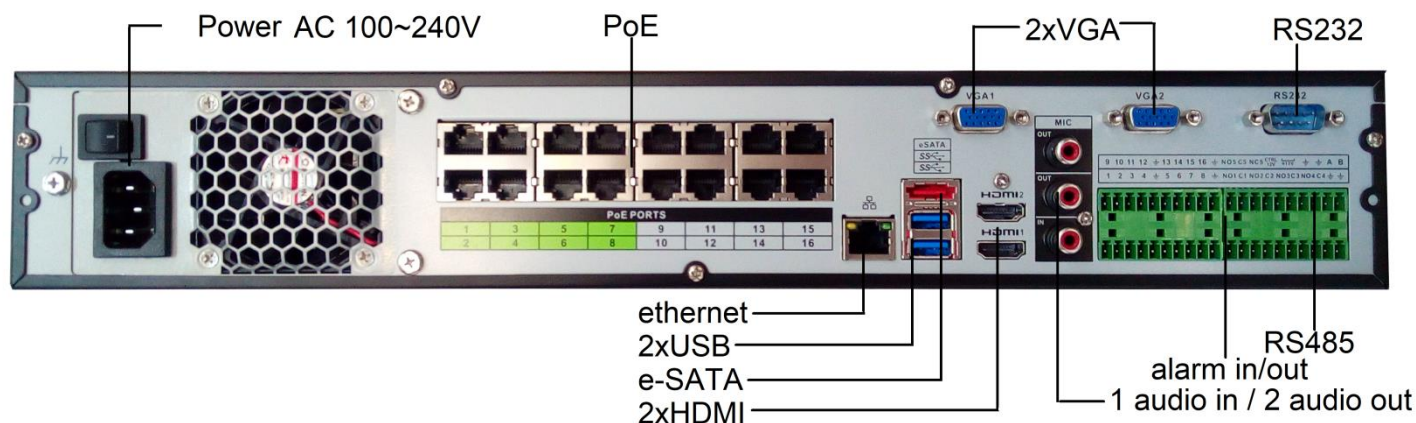
16 channel Network Video Recorder 1.5U 4K Ultra HD with PoE



Key features

- H.265+/H.265/H.264+/H.264/MJPEG dual stream
- Quad-Core embedded processor support display, recording, and remote management at the same time
- Live view at resolution Ultra HD 3840 x 2160
- Simultaneous video out HDMI1(3840x2160) with VGA1 (1920x1080) and HDMI2(1920x1080) with VGA2(1920x1080)
- Decoding capability 4 ch@8Mpx(30fps), 16 ch@1080p(30fps)
- Recording max. 16 IPC: 12 Mpx, 8Mpx, 6 Mpx, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p, D1.
- Max. incoming bandwidth bitrate 320 Mbps
- Intelligent functions: Tripwire, Intrusion, Missing/Abandoned object, face detect, people counting, heat map, audio detect
- Remote setting video parameters of cameras
- Search and management IPC in network
- Support PTZ and 3D positioning
- Support 4 HDD SATAIII up to 40TB (max. 10TB each), 5 ports USB, e-SATA, RS232, RS485
- 16 alarm in / 6 alarm out
- 1 audio in / 2 audio out
- Built-in 16 port switch PoE
- Support WiFi and 3G modems through USB
- Web-Service, support CMS(BCS Manager), mobile app BCS(iOS, android), P2P

Back panel



Model	BCS-NVR1604-4K-P-III
System	
Processor	Quad-core embedded processor
Operating system	Embedded LINUX
Functionality	Pentaplex
Access	Front panel, mouse, remote, keyboard, network
Video / Audio	
IPC	16 channels
Video out	2 x HDMI, 2x VGA - Simultaneous video out HDMI1(3840x2160) with VGA1 (1920x1080) and HDMI2(1920x1080) with VGA2(1920x1080)
Audio in/out	1/2 intercom
Display	
Display split	1 screen(1/4/8/9/16), 2 screen(1/4/8/9/16)
Resolution	3840x2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Sequence	Yes
Privacy masking	Yes
OSD	Camera title, Time, Video Loss, Camera Lock, Motion Detection, Recording
Recording	
Compression	H.265+/H.265/H.264+/H.264/MJPEG
Resolution	12Mp, 8Mp, 6Mp, 5Mp, 4Mp, 3Mp, 1080P, 720P, D1
Bitrate	16Kbps ~ 20Mbps, max bitrate 320 Mbps
Record quality	CBR, VBR(regulation1~6)
Record mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record priority	Manual > Alarm > MD > regular
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 out, Video Push, Email, FTP, Buzzer & Screen tips
Video detection	Zones: 396(22×18), Sensitivity: 1~6
Video Loss & Camera Blank	Yes
Alarm input	16 channel
Alarm output	6 channel
Playback & Backup	
Playback	1/4/9/16
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, Backup
Backup Mode	Flash drive USB / network download / e-SATA
Network	
Ethernet	1 x RJ-45 port (10/100/1000Mbps)
PoE	Built-in Switch PoE 16x, ports 1-8 support 800m ePoE & EoC
Network Function	HTTP, TCP/IP, IPv4, IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search (cameras BCS IP, DVR), P2P
Max. User Access	128
Smart Phone	iOS, android
Storage	
HDD	4 ports SATA III up to 40TB (max. 10TB each)
e-SATA	1 port
HDD Manage	HDD Group, Hibernation, Bad Sectors detection
Recorder CD/DVD-RW	Support
Interfaces	
USB	2 ports USB3.0(back), 2 ports USB3.0(on mainboard), 1 port USB2.0(front)
RS232	For PC communication & keyboard
RS485	PTZ
General	
Power Supply	AC100-240V 50 ~ 60 Hz
Power Consumption	17,5W (without HDD)
PoE	Max 25.5W for single port, 150W in total
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimensions	440mm×413mm×75mm 1,5U
Weight	4.65 KG (without HDD)