

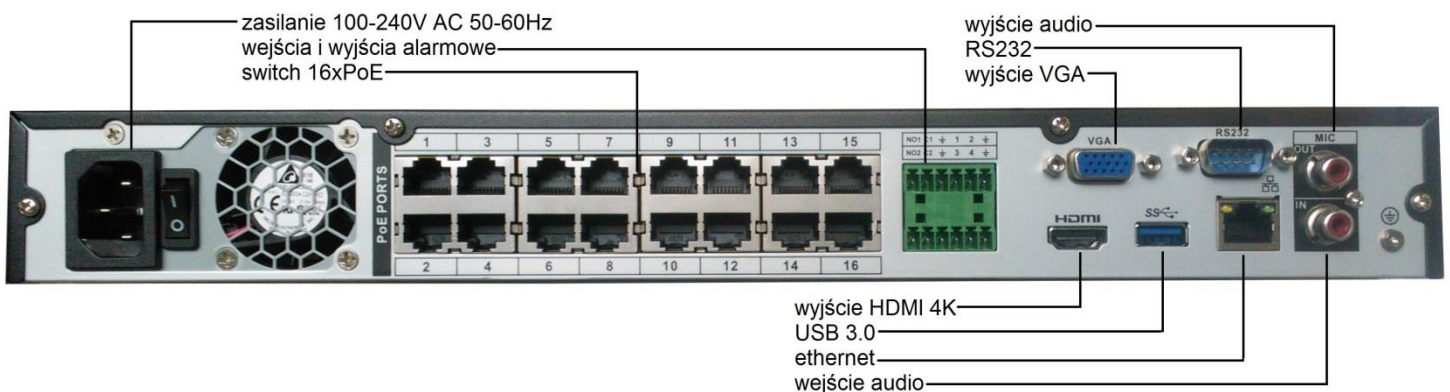
16 channel Network Video Recorder with PoE



Key features

- Compression H.265/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 HDMI(3840x2160) and VGA(1920x1080)
- Recording max. 16 IPC: 12 Mpx, 8 Mpx, 6 Mpx, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 1.3Mpx, 720p, D1. Max bitrate 320Mbps
- Synchronous playback up to 16 channels
- Remote setting video parameters of cameras
- Search and management IPC in network
- Built-in switch 16xPoE (support ePoE i EoC)
- Support PTZ and 3D positioning
- Support 2 HDD SATAIII up to 20TB (max. 10TB each), 2 ports USB, RS232, RS485, 4 alarm in / 2 alarm out, 1 audio in / 1 audio out
- Support WiFi and 3G modems through USB
- Intelligent functions: Tripwire, Intrusion, Missing/Abandoned object, face detect, people counting, heat map, audio detect
- Web-Service, support CMS(BCS Manager), mobile app BCS(iOS, android), P2P

Back panel



Model	BCS-NVR1602-4K-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	1 x HDMI, 1x VGA - Simultaneous video out HDMI(3840x2160) with VGA(1920x1080)	
Audio in/out	1/1 intercom	
Display		
Display split	1/4/8/9/16	
Resolution	3840x2160(only HDMI), 1920x1080, 1280x1024, 1280x720, 1024x768	
Sequence	Yes	
OSD	Camera title, Time, Video Loss, Camera Lock, Motion Detection, Recording	
Recording		
Compression	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG	
Resolution	12Mpx, 8Mpx, 6Mpx, 5Mpx, 4Mpx, 3Mpx, 1080P, 1.3Mpx, 720P, D1	
Bitrate	16Kbps ~ 20 Mbps, max bitrate incoming: 320Mbps, outgoing: 320Mbps	
Record quality	CBR, VBR(regulation 1-6)	
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(22x18), Sensitivity: 1-6	
Video Loss & Camera Blank	Yes	
Alarm input	4 channel	
Alarm output	2 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	
Network		
Ethernet	1 x RJ-45 port (10/100/1000Mbps)	
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	2 ports SATA III up to 20TB (max. 10TB each)	
HDD Manage	HDD Group, Hibernation, Bad Sectors detection	
Interfaces		
USB	1 port USB 3.0 (back panel) / 1 port USB 2.0(front panel)	
PoE	Built-in switch 16xPoE (IEEE802.3af/at) ports 1-8 support ePoE and EoC	
RS232	Yes	
RS485	Yes	
General		
Power Supply	100-240V AC 50-60Hz	
Power Consumption	15,2 W (without HDD) PoE: max. 25.5W for single port, total max. 130W	
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa	
Dimensions	375mm× 328mm× 53mm 1U	
Weight	2,7 KG (without HDD)	

* Parameters depend on firmware version