

16CH 1080P HD NVR with 8CH POE























CVBS Output



























1CH, BNC (1.0Vp-p, 75ohms)





Model No.	CB-NVR-9816	
CH & Compression	16CH H.264 / H.265	
Chipset / RAM	Hi3536 / 1.5G DDR3	
Operation System	Embedded Linux	
System Interface		
Operation Interface	16bit True Color Graphic Menu Operation Interface	
Image Display	1/4/6/9/16 Screen	
Audio/Video Input		
Input Bandwidth	128Mbps	
Out Bandwidth	128Mbps	
IPC Input	16CH	
Memory	2 GB	
Audio Input	1CH, RCA (Line in, 2Vp-p, 1KΩ), Voice Intercom	
Audio/Video Output		
VGA Output	1920*1080/1280*1024/1366*768/1024*768/800*600	
HDMI Output	1920*1080/1280*1024/1366*768?1024*768/800*600	
Audio Output	1CH, RCA (Line out, 2Vp-p, 300Ω), G.711A	



Audio Compression G.711A / G726 Audio Bit Rate 64Kbps (16bit) Video Decoding IP CH Resolution Main stream: 5MP/3MP/1080P/960P/720P/D1/CIF/QCIF, Auxiliary Stream: /D1/CIF/QCIF Image Encoding Adjustable Encoding Quality, Variable Code Stream, Fixed Code Stream Frame Rate D1(2Mbps), 720P(4Mbps), 1080P(8Mbps) Recording Mode Manual / Auto / Motion Detection / Stop Sync, Playback 13CH*720P/12CH*960P/8CH*1080P@25fps/30fps Function Alarm Alarm Support Alarm Push, SSL E-mail Alarm (Recording / PTZ / Tour / E-Mail)_ Bidirectional Talk Two Way Voice Intercom Motion Detection Zones: 396(22*18), Multi-level Sensitivity: level 1-6) Snap Shot Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone IOS, Android P2P / Cloud Storage Support CMS / Mobile App IE/Web / CAMPRO CMS / CAMPRO View App Network Note of Prive Priv	Audio Encoding			
Video Decoding Main stream: 5MP/3MP/1080P/960P/720P/101/CIF, Auxiliary Stream: 7D1/CIF/QCIF Image Encoding Adjustable Encoding Quality, Variable Code Stream, Fixed Code Stream Frame Rate D1/2Mbps), 720P/4Mbps), 1080P(8Mbps) Recording Mode Manual / Auto / Motion Detection / Stop Sync, Playback 13CH7720P/12CH*960P/6CH*1080P@25fps/30fps Function Alarm Support Alarm Push, SSL E-mail Alarm (Recording / PTZ / Tour / E-Mail)_ Bidirectional Talk Two Way Voice Intercom Motion Detection Zones: 396(22*18), Multi-level Sensitivity: level 1-6) Snap Shot Support JPEG format (Support upload snapshet and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone IOS, Android CP2P / Cloud Storage Support CMS / Mobile App IE / Web / CAMPRO CMS / CAMPRO View App Network Network Network Protocol DDNS, DHCP, FTP, HTTP, ONVIF, P2P, PPDE, RTP/RTSP, SMTP, SNTP, TCP/IP, UDP, UPP, UPP, UPP, UPP, UPP, UPP, UP	Audio Compression	G.711A / G726		
IP CH Resolution	Audio Bit Rate	64Kbps (16bit)		
Image Encoding Adjustable Encoding Quality, Variable Code Stream, Fixed Code Stream Frame Rate D1(2Mbps), 720P(4Mbps), 1080P(8Mbps) Recording Mode Manual / Auto / Motion Detection / Stop Sync, Playback 13CH*720P/12CH*960P/6CH*1080P@25fps/30fps Function Marm Support Alarm Push, SSL E-mail Alarm (Recording / PTZ / Tour / E-Mail)_ Bidirectional Talk Two Way Voice Intercom Motion Detection Zones: 396(22*18), Multi-level Sansitivity: level 1-6) Snap Shot Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone D100 Storage Support CMS / Mobile App IE / Web / CAMPRO CMS / CAMPRO View App Network Network Protocol DNS, DHCP, FTP, HTTP, ONVIF, P2P, PPPOE, RTP/RTSP, SMTP, SNTP, TCP/IP, UDP, UPPP 3G Dongle Support DDNS Built in Free DDNS Remote Operation Monitoring, PTZ Control, Playback, System Setting, File Download, Log Information Interface SATA HDD Interface 8 x 8TB HDD + 1 *E-SATA, Support HDD Internate technology, greatly increase HDD service life, reduce machine consumption Support HDD Internate technology, greatly increase HDD service life, reduce machine consumption Support HDD S.M.A.R.T. Technology, and Support HDD Had Track Skipping, Greatly reduces data lose due to HDDfailure Network Port RJ45, 10M/100M/100M, 8CH POE(802.3af), POE Power ≤ 90W USB port 2 USB 2.0 RS-485 1*RS-485 Half Duplex Alarm Input 8CH (I/O) Alarm Output 3CH (Relay NO/INC) Structure Dimensions 441*448*8mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1,875A (POE) Power Consumption - 10*C - 455*C Humidity 10% - 95%	Video Decoding	Video Decoding		
Frame Rate D1(2Mbps), 720P(4Mbps), 1080P(8Mbps) Recording Mode Manual / Auto / Motion Detection / Stop Sync, Playback 13CH*720P/12CH*960P/6CH*1080P@ 25fps/30fps Frunction Function Alarm Support Alarm Push, SSL E-mail Alarm (Recording / PTZ / Tour / E-Mail)_ Bidirectional Talk Two Way Voice Intercom Motion Detection Zones: 396(22*18), Multi-level Sensitivity: level 1-6.) Snap Shot Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Metwork Protocol DDNS, DHCP, FTP, HTTP, ONUF, P2P, PPDE, RTP/RTSP, SMTP, SNTP, TCP/IP, UDP, UPP PDE, DED, PPP, PPPOE, RTP/RTSP, SMTP, SNTP, TCP/IP, UDP, UPP PD, SDD, PPP, PPP, PPP, PPP, PPP, PPP	IP CH Resolution	Main stream: 5MP/3MP/1080P/960P/720P/D1/CIF/QCIF, Auxiliary Stream: /D1/CIF/QCIF		
Recording Mode Manual / Auto / Motion Detection / Stop Sync, Playback 13CH*720P/12CH*960P/6CH*1080P@25fps/30fps Function Alarm Support Alarm Push, SSL E-mail Alarm (Recording / PTZ / Tour / E-Mail)_ Bidirectional Talk Two Way Voice Intercom Motion Detection 2 Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Smart Phone Support JPEG format (Support upload snapshot and video backup to third-party cloud service such as Dropbox, Google Drive Network Protected DDNS, DRCP, FTP, HTTP, ONVIF, P2P, PPDCE, RTP/RTSP, SMTP, SMTP, TDQP, PDQP,	Image Encoding	Adjustable Encoding Quality, Variable Code Stream, Fixed Code Stream		
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Snap Shot as Dropbox, Google Drive Smart Phone iOS, Android P2P / Cloud Storage Support CMS / Mobile App IE / Web / CAMPRO CMS / CAMPRO View App Network Network Protocol DDNS, DHCP, FTP, HTTP, ONVIF, P2P, PPPOE, RTP/RTSP, SMTP, SNTP,TCP/IP, UDP, UPP 3G Dongle Support DDNS Built in Free DDNS Remote Operation Monitoring, PTZ Control, Playback, System Setting, File Download, Log Information Interface SATA HDD Interface 8 x 8TB HDD + 1 *E-SATA, Support HDD hibernate technology, greatly increase HDD service life, reduce machine consumption Support HDD redundancy technology, greatly increase HDD service life, reduce machine consumption of support HDD Pad Track Skipping, Greatly reduces data lose due to HDD failure Network Port RJ45, 10M/100M/1000M, 8CH POE(802.3af), POE Power ≤ 90W USB port 2*USB 2.0 RS-485 1*RS-485 Half Duplex Alarm Input 8CH (I/O) Alarm Output 3CH (Relay NO/NC) Structure Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Consumption <td>Motion Detection</td> <td>Zones: 396(22*18), Multi-level Sensitivity: level 1-6)</td>	Motion Detection	Zones: 396(22*18), Multi-level Sensitivity: level 1-6)		
Smart Phone IOS, Android P2P / Cloud Storage Support CMS / Mobile App IE / Web / CAMPRO CMS / CAMPRO View App Network Network Protocol DDNS, DHCP, FTP, HTTP, ONVIF, P2P, PPPOE, RTP/RTSP, SMTP, SNTP, TCP/IP, UDP, UPnP 3G Dongle Support DDNS Built in Free DDNS Remote Operation Monitoring, PTZ Control, Playback, System Setting, File Download, Log Information Interface 8 x 8TB HDD + 1 *E-SATA, SATA HDD Interface 8 x 8TB HDD + 1 *E-SATA, Support HDD hibernate technology, greatly increase HDD service life, reduce machine consumption Support HDD redundancy technology to achieve dual backup of important data, effectively ensuring video security Support HDD redundancy technology, and Support HDD Had Track Skipping, Greatly reduces data lose due to HDD failure Network Port RJ45, 10M/100M/1000M, 8CH POE(802.3af), POE Power ≤ 90W USB port 2*USB 2.0 RS-485 1*RS-485 Half Duplex Alarm Input 8CH (I/O) Alarm Output 3CH (Relay NO/NC) Structure Dimensions Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz	Snap Shot			
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3G Dongle Support DDNS Built in Free DDNS Remote Operation Monitoring, PTZ Control, Playback, System Setting, File Download, Log Information Interface SATA HDD Interface 8 x 8TB HDD + 1 "E-SATA, Support HDD hibernate technology, greatly increase HDD service life, reduce machine consumption Support HDD redundancy technology to achieve dual backup of important data, effectively ensuring video security Support HDD S.M.A.R.T Technology, and Support HDD Had Track Skipping, Greatly reduces data lose due to HDD failure Network Port R.J45, 10M/100M/100M/, 8CH POE(802.3af), POE Power ≤ 90W USB port 2"USB 2.0 RS-485 1*RS-485 Half Duplex Alarm Input 8CH (I/O) Alarm Output 3CH (Relay NO/NC) Structure Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption < 20W (without HDD, without POE)	Network Protocol	DDNS, DHCP, FTP, HTTP, ONVIF, P2P, PPPOE, RTP/RTSP, SMTP, SNTP, TCP/IP, UDP, UPnP		
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● Support HDD redundancy technology to achieve dual backup of important data, effectively ensuring video security ● Support HDD S.M.A.R.T Technology, and Support HDD Had Track Skipping, Greatly reduces data lose due to HDD failure Network Port RJ45, 10M/100M/1000M, 8CH POE(802.3af), POE Power ≤ 90W USB port 2*USB 2.0 RS-485 1*RS-485 Half Duplex Alarm Input 8CH (I/O) Alarm Output 3CH (Relay NO/NC) Structure Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption < 20W (without HDD, without POE) Operation Temp10°C - +55°C Humidity 10% - 95%	SATA HDD Interface	8 x 8TB HDD + 1 *E-SATA,		
Support HDD S.M.A.R.T Technology, and Support HDD Had Track Skipping, Greatly reduces data lose due to HDD failure Network Port RJ45, 10M/100M/1000M, 8CH POE(802.3af), POE Power ≤ 90W USB port 2*USB 2.0 RS-485 1*RS-485 Half Duplex Alarm Input 8CH (I/O) Alarm Output 3CH (Relay NO/NC) Structure Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption < 20W (without HDD, without POE)	Support HDD hibernate	technology, greatly increase HDD service life, reduce machine consumption		
Network Port RJ45, 10M/100M/1000M, 8CH POE(802.3af), POE Power ≤ 90W USB port 2*USB 2.0 RS-485 1*RS-485 Half Duplex Alarm Input 8CH (I/O) Alarm Output 3CH (Relay NO/NC) Structure Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption < 20W (without HDD, without POE)	● Support HDD redundancy technology to achieve dual backup of important data, effectively ensuring video security			
USB port 2*USB 2.0 RS-485 1*RS-485 Half Duplex Alarm Input 8CH (I/O) Alarm Output 3CH (Relay NO/NC) Structure Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption < 20W (without HDD, without POE)	● Support HDD S.M.A.R.T Technology, and Support HDD Had Track Skipping, Greatly reduces data lose due to HDD failure			
RS-485 1*RS-485 Half Duplex Alarm Input 8CH (I/O) Alarm Output 3CH (Relay NO/NC) Structure Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption < 20W (without HDD, without POE)	Network Port	RJ45, 10M/100M/1000M, 8CH POE(802.3af), POE Power ≤ 90W		
Alarm Input Alarm Output Structure Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption Operation Temp. -10°C - +55°C Humidity 8CH (I/O) 8CH (I/O	USB port	2*USB 2.0		
Alarm Output 3CH (Relay NO/NC) Structure Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption < 20W (without HDD, without POE) Operation Temp10°C - +55°C Humidity 10% - 95%	RS-485	1*RS-485 Half Duplex		
StructureDimensions441*448*88mm, 2UWeight7KG (Not including HDD)Power SupplyAC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE)Power Consumption< 20W (without HDD, without POE)	Alarm Input	8CH (I/O)		
Dimensions 441*448*88mm, 2U Weight 7KG (Not including HDD) Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption < 20W (without HDD, without POE) Operation Temp10°C - +55°C Humidity 10% - 95%	Alarm Output	3CH (Relay NO/NC)		
Weight7KG (Not including HDD)Power SupplyAC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE)Power Consumption< 20W (without HDD, without POE)	Structure			
Power Supply AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE) Power Consumption < 20W (without HDD, without POE) Operation Temp10°C - +55°C Humidity 10% - 95%	Dimensions	441*448*88mm, 2U		
Power Consumption< 20W (without HDD, without POE)Operation Temp10°C - +55°CHumidity10% - 95%	Weight	7KG (Not including HDD)		
Operation Temp10°C - +55°C Humidity 10% - 95%	Power Supply	AC110-240V±10%, 47Hz-63Hz, DC48V/1.875A (POE)		
Humidity 10% - 95%	Power Consumption	< 20W (without HDD, without POE)		
	Operation Temp.	-10°C - +55°C		
Certification CE / FCC / RoHS	Humidity	10% - 95%		
	Certification	CE / FCC / RoHS		

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