



Model: D8216KNA-Y
16CH 5M-N 6in1 AHD/XVI/TVI/CVI/CVBS/IP H.265+ DVR
Front Panel:



Model:

D8216KNA-Y

- 16CH 5M-N 6in1 AHD/XVI/TVI/CVI/CVBS/IP DVR
- 16CH 5M-N (6FPS/CH) recording & 16CH 5M-N (6FPS/CH) Playback
- 16CH video input, 6CH audio input, 1CH audio output, 4CH alarm input, 1CH alarm output, with RS485
- Support VGA and HDMI simultaneously output
- Support 2pcs of HDD, Max. 10TB each
- Support USB 3G & WiFi

Features:

Step on the internet: With cloud service, easy to achieve a variety of network penetration, one step to remote monitoring, getting rid of various complicated network settings, easy and simple to operate.

Compression algorithm ideal: Compression algorithm upgraded to H.265+ Main Profile.

Main and Sub Stream: Support main stream and extra stream encode synchronously. Main stream is for local storage to maintain the image quality, extra stream is for network real-time transmission, to easily solve the bottleneck problem of bandwidth.

Mobile monitor: Support all kinds of mobile monitor (iPhone, Windows Mobile, BlackBerry, Symbian, Android)

Hexaplex operation simultaneously: Preview, recording, playback, backup, network live, mobile phone view.

Operation interface: similar WINDOWS operating style, powerful right button menu function of mouse, make it easy for using.

Network: Powerful net service(support DHCP, PPPOE, FTP, DNS, DDNS, NTP, UPNP, EMAIL, IP authority, IP search, alarm center, etc), complete enclosure(WEB, CMS, SDK), to easily achieve interconnection.

Browsers: Support multi-browser (IE, Chrome, Firefox, Safari)

Remote Access: Self enclosed with DNS function (ARSP), one-key to enable remote control, and support DNS of 3322, dyndns, oray, myq-see, etc

Device port: support 2 SATA port, 1HDD of 10T, 2 USB2.0 port for operation of mouse control, back up, burning and upgrade

Support multi languages: Chinese, English, French, Portuguese, Russian, Italian, Spanish, Thai, Greek, Japanese, German, Polish, Finnish, Turkish, Vietnamese, Hungarian, Hebrew, Persian, Romanian, Korean, Indonesian, Swedish, Arabic

Others: Completed protective circuit, unique treble watchdog function, make device never crashed; special "black-box" technology to monitor the device process, greatly reduce the maintenance cost

Specification:

Model		D8216KNA-Y
System	Main processor	Technical grade embedded microprocessor Novatek 98312 Embedded LINUX operating system
	Operating system	Multi-channel real-time recording synchronously,
	System resource	multi-channel real-time playback, multi-channel multi-user network operation, USB back up.
Interface	Operation interface	16bit real color GUI interface support mouse operation
	Display screen	1/4/8/9/16 screen
Video	Video standard	PAL(625 lines, 50fps); NTSC(525 lines, 60fps)
	Image encode	H.265+(High Profile)
	Monitor quality	VGA (Max. 1080P); HDMI (Max. 4K)
	Preview Mode	16*5M-N@12fps(6in1)/16*4M-N@15fps(6in1)/ 16*1080P@15fps (XVI), default in 5M-N mode
	Encode capability	16*5M-N@6fps(6in1)/16*4M-N@8fps(6in1)/ 16*1080P@8fps (XVI), default in 5M-N mode
	Decode capability	16*5M-N@6fps(6in1)/16*4M-N@8fps(6in1)/ 16*1080P@8fps (XVI), default in 5M-N mode
	Multi-mode video input	AHD/XVI/TVI/CVI/CVBS: 16*5MP-N (6FPS) HVR: 16*5MP-N (6in1)+4*1080P IP NVR: 16*1080P; 8*5M
	Motion detection	192(16×12) detection areas, multiple sensitivity
Audio	Audio compression	G711A
	Bidirectional talk	support
Record and playback	Record mode	manual>alarm>motion detection>timing
	Local playback	16ch playback synchronously
	Video search	Time, date, event, channel search
Storage and back up	Space occupation	Video: CIF 4~5G/day*channel, D1 16~20G/day* channel; 960H 12~20G/day*channel; 720P 24~30G/day*channel Audio: 691.2M/day*channel
	Video storage	Local HDD, Network
	Back up mode	Network backup, USB portable HDD, USB imprint, SATA imprint
Interface	Video input	16ch CVBS/BNC(1.0Vp-p,75Ω)
	Video output	1ch VGA, 1ch HDMI
	Loop output	No
	Audio input	6ch RCA(200-2800mV,30KΩ)
	Audio input	1ch RCA(200-3000mV,5KΩ)
	Alarm input	4ch
	Alarm output	1ch
	Network port	RJ45 10M/100M self-adaptive Ethernet port
	PTZ control	1*RS485
	USB port	2*USB2.0
	HDD port	2 SATA ports(each max to 10T)
	Wireless port	3G, WIFI(extension via USB port)
Other	Power	12V/4A
	Consumption	<15W(not including HDD)
	Temperature	0° C~ +55° C~
	Humidity	10%—90%
	Atmosphere pressure	86kpa—106kpa
	Dimension Weight	L325*W250*H52MM 2.5kg