N8208-4B400-POE KITS

NVR
（Model：XKY-NVR3208-P8）

Main functions:
- ➢ Through cloud services, various network penetrations can be easily achieved, and remote monitoring can be realized in one step, eliminating the complex network settings. It is simple, easy to operate, and very convenient;
- ➢ Support cross segment search and addition of network cameras under the protocol;
- ➢ Support H.264+ video decoding and H.264+ encoding front-end hybrid adaptive access;
- ➢ Support adding network cameras with one click;
- ➢ Support up to 8 MP network camera's preview, recording, and playback;
- ➢ Network video incoming bandwidth can reach up to 80Mbps, supporting up to 8 channels of HD network video for full real-time digital channel preview and recording;
- ➢ Support up to 8 IPC direct POE interfaces;
- ➢ Support up to 8 channels of synchronous playback, with free switching between main and auxiliary code streams;
- ¬ Supports 1 SATA interface, 10TB hard disk;
- ¬ Support hard disk S.M.A.R.T technology and hard disk bad track skipping, greatly reducing data loss caused by hard disk failures;
- ¬ Support plug and play, SMTP, SSL email alarm

System	Main processor	Industrial grade embedded microcontroller **MC6830**
	Operating system	Embedded LINUX operating system
	System resource	Simultaneous multi-channel real-time recording, real-time playback, multi-channel multi-person network operation, USB backup
Interface	Operation interface	16-bit true color graphical menu interface, support mouse operation
	Screen display	1/4/6/8 screen
	Image coding	H.264+（Main Profile@L5.0 High-tie）/ H.264 (Up to High Profile@Level5.0)
	Playback quality	1 channel of 8MP playback（synchronous playback of multi-channel auxiliary code rate）；Support 800W/500W/400W/300W/1080P/960P/720P/D1/VGA
	Video access	8 channels
Audio	Audio compression	G.711, G.726
Audio, video and others	Video recording	Manual, timing
	Local playback	Supports up to 8-channel synchronous playback
	Video query	Time search, calendar search, event search, channel search
	Backup method	U disk or USB mobile hard disk
	Video output	1 HD-OUT, 3840×2160, 1920×1080
	Audio output	No separate audio output interface
	Network Interface	1*RJ45 10M/100M adaptive Ethernet port
	USB interface	2*USB2.0(Rear)
	Hard disk interface	1 SATA 2.0 (support up to 10TB hard disk)
	Onvif Protocol	Support
	Power supply	DC 48V 2A
	Weight	0.73(kg)
	Working humidity	10%－90%
	Operating	0°C-＋50°C
	Size	253*218*43(mm)

Camera
（Model:CS58Q-POE)

System	Operating system	Embedded Linux
	Online visitor	Supports 4 visitors at the same time
Collection	CPU/Image sensor	1/3 inch CMOS sensor
	Minimum illumination	0.5 Lux(Color mode), 0.1 Lux(B&W mode)
	Lens	4mm@F2.0/90.7°Diagonal
	Night Vision	IR-CUT with auto-switching,4pcs 850nm IR lights, irradiation distance 5-10M
Video	Compression standard	H.264 main profile/Motion-JPEG/JPEG
	Data rate	Main stream:1440p(2560*1440)@25fps
		Substream：360p(640*360)@25fps
	Bit rate/maximum frame rate	128～4096kbps/25fps
	Image adjustment	Adjustable brightness, contrast, saturation, and chromaticity

Audio	Input	Built-in - 38dB microphone
	Sampling frequency/bit width	8KHz/16bit
	Compression standard/Bit Rate	G.711/32kbps
Network	Network interface	10Mbps/100Mbps adaptive/RJ45 interface
	Network Protocol	TCP/IP,HTTP,TCP,UDP,DHCP,DNS,NTP,RTSP,P2P etc.
Physical indicators	Rated voltage	12V/supporting POE (48V) power supply
	Power consumption	Power: 4.32W (infrared light on) Maximum power: 5W
	Operating condition	Temperature: -10～50℃; Humidity: ＜90%
	Weight	N.W.: 335g Note: in kind prevail
	Package size	Note: in kind prevail