N8208-B500-POE Specifications

The main functions:
1. Through cloud service, various network penetration can be easily realized, and remote monitoring can be realized in one step, thus abandoning various complicated network settings, which is simple and convenient;
2. Support primary and secondary streams at the same time. The main stream is stored locally to ensure high image quality; the secondary stream network is transmitted in real time to easily solve the problem of bandwidth bottlenecks;
3. Support common mobile phone monitoring (iPhone, Android);
4. Support IE browser access;
5. Support 2 USB ports, stable operation of USB mouse, backup, upgrade, etc.;
6. Support VGA and HDMI output at the same time, VGA, HDMI full HD 4K display output;
7. Powerful network services (support DHCP, PPPOE, DNS, DDNS, NTP, UPNP, EMAIL, IP search), complete supporting (WEB, SDK), easy to achieve interconnection;
8. Perfect protection circuit, unique monitoring function;
9. Powerful decoding capability: support simultaneous preview of 3 channels of 5 MP/4 channels of 4 MP, support for 8 channels of 8 MP video preview access, and support for 3 channels of 5MP to playback simultaneously;
10. Support Motion detection alarm, Delimitation detection alarm, Humanoid detection alarm and other intelligent functions.

NVR

System	Main processor	MC6810E
	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	24-bit true color graphical menu interface, support mouse operation
	Screen display	1/4/6/8 screen
	Image coding	BaseLine Profile / Main Profile / High Profile
	Playback quality	3 channels of 5 MP playback simultaneously; support 800W/500W/400W/300W/1080P/960P/720P/D1/VGA
	Video access	8 channels 8MP 4M bit rate access storage
	Motion Detection	Support
Audio	Audio compression	G711.A, G711.U
Audio Video other	Video recording	Manual, Timing, Motion detection, Blocking alarm, AI smart recording
	Local playback	4 channels playback (maximum support 3 channels 5 MP playback simultaneously/1 channel 8 MP playback)
	Video query	Time search, Calendar search, Event search, Channel search
	Backup method	U disk or USB mobile hard disk
	Video output	1 VGA, 1 HD-OUT
	Audio output	3.5mm headphone jack and HDMI HD monitor headphone jack
	Network Interface	1*RJ45 10M/100M adaptive Ethernet port
	USB interface	2 USB ports
	Hard disk interface	1 SATA interface (support up to 8T hard disk)
	Power supply	48V 2A
	Working humidity	10%－90%
	Operating temperature	0℃-＋50℃
	Size	88.2*204*32.5

Camera

Pixels	5MP
Sensor	1/2.7-inch.
Electronic shutter	1/25---1/10000 seconds
Day and night switching	ICR infrared filter type and manual mode
DNR	Support 3D DNR
Intercom	support
Monitor	support
Compression	
Video compression	H.264+（PROFILE-MAIN）
Video compression bit	32 Kbps~ 8Mbps
Image output	
Maximum image size	2880x1660
Supported image formats	2880x1660(5M)、2560x1440（4M）、2304*1296(3M)、1920*1080（1080P）、1280*960（960P）、1280*720（720P）、704*576(D1) 640*480(VGA)、352*288（CIF）、
Pixel size	2.2um(H)*2.2um(V)
Main stream resolution	5MP;20 frames
AD sampling accuracy	10bit
Area of interest	Support to set 8 ROI areas
Blocking settings	Supports 4 sets of blocking settings
Image settings	Brightness, contrast, saturation, shutter, etc. are adjustable
Mirror	Support Pan, Tilt & Diagonal mirroring
Color mode to Black	support
Network features	
Smart alarm	Motion detection, Blocking alarm, Video loss, Network cable disconnection, IP address conflict alarm
Supporting protocols	TCP/IP, DHCP, HTTP, HTTPS NTP, DNS, RTP RTSP,Private network protocols etc.
Platform docking	Built-in powerful P2P function for flexible remote monitoring
General function	One-key recovery, Dual stream, Heartbeat, Mirroring, Video Blocking, Anonymous access, etc.
Communication Interface	1 RJ45 10M / 100M auto-adaptive Ethernet port
General Specifications	
Power supply	POE（48V）