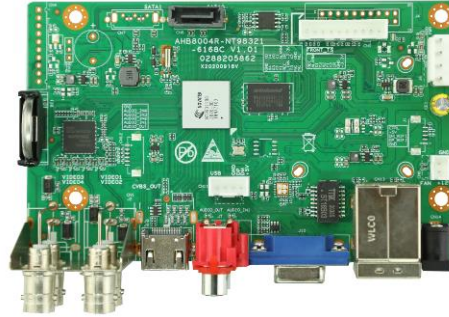




AHB80N04R-GS



Feature:

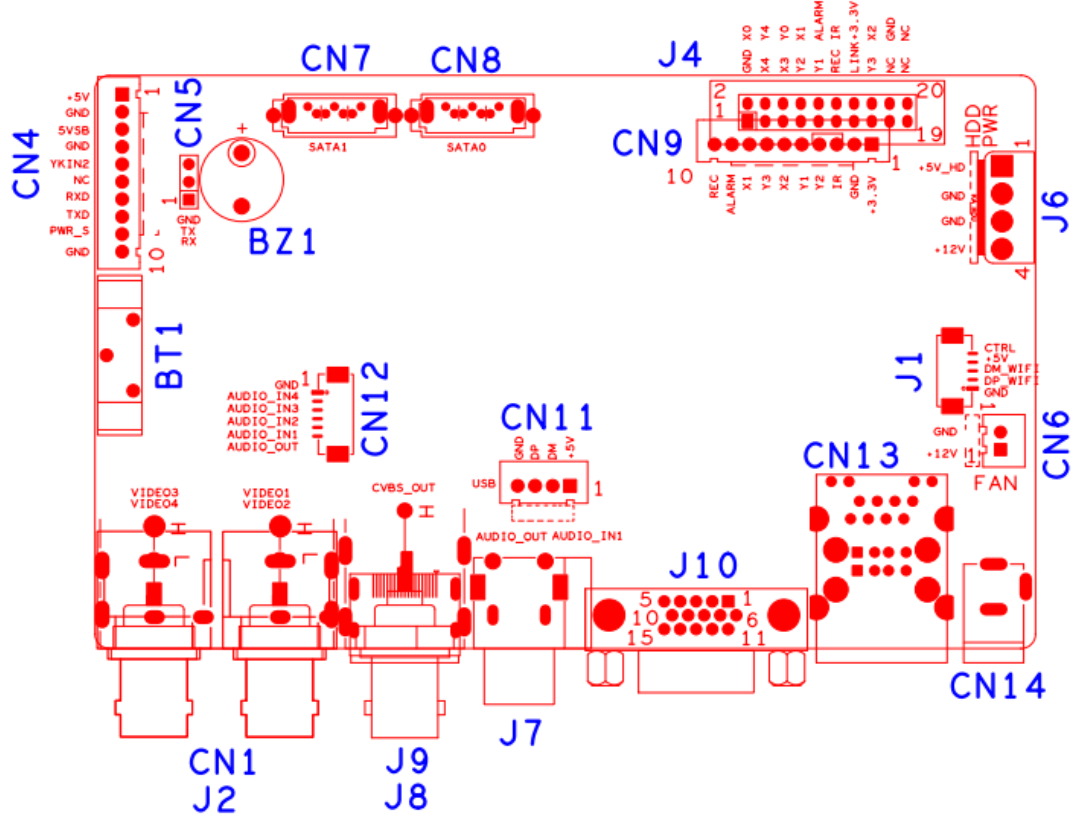
- Support H.265+ encoding, ultra-low bitrates, compatible with H.264 surroundings
- Support VGA, HDMI full HD output simultaneously
- Support ONVIF; access third party
- Support multiple cloud technology, network penetration, alarm information pushed to your phone and other functions
- Support web, VMS, center platform management software MYEYE, provide SDK development
- Support various mobile monitoring (iPhone, Android)
- Remote Access, With DNS (ARSP), easy to monitor remotely
- Support UTC, control signal & video stream transmit through one single coaxial
- Support XVI/AHD/TVI/CVI/CVBS/IP six signals
- Support intelligent analysis: Human detection, face detection

Specification:

	Model	AHB80N04R-GS
System	Main processor	NT98321
Interface	Preview	1/4/8/9
Video	Codec	H.265+
	Monitor quality	VGA(1080P at most);HDMI(4K at most)
	Preview ability	4*5M@12fps(6 in 1)/ 4*4K-N@12fps(6 in 1)/4*4M@15fps (6 in 1) / 4*3M@18fps (6 in 1) /4*1080P (6 in 1) default 5M
	Encode ability	4*5M@12fps(6 in 1)/ 4*4K-N@12fps(6 in 1)/4*4M@15fps (6 in 1) / 4*3M@18fps (6 in 1) /4*1080P (6 in 1) default 5M
	Decode ability	1*5M@12fps(6 in 1)/ 1*4K-N@12fps(6 in 1)/1*4M@15fps (6 in 1) / 1*3M@18fps (6 in 1) /1*1080P (6 in 1) default 5M
	Multi-mode input	Analog: 4*5M hybrid: 4*5M (analog) +4*5M (network) network: 16*1080P;16*5M
	Motion Detection	Each screen can be set to 192 (16 * 12) detection areas; multi-level sensitivity can be set (Limited local channel)
Audio	Audio compression	G.711A
	Intercom	support
Record & playback	Record mode	manual>alarm>motion detection>timing
	Local Playback	4ch(analog input mode)
	Search mode	Search by time, calendar, event, channel
Storage & backup	Video storage	HDD, network
	Backup mode	Network, USB hard disk, USB burner, SATA burner
External Interface	Video input	4ch BNC
	Video output	1ch VGA, 1ch HDMI
	Loop Vout	N/A
	Audio I/O	1/1
	Alarm I/O	0/0
	Network interface	RJ45 10M/100M self-adaption



	PTZ control	Support kinds of PTZ protocols
	USB	2* USB 2.0 ports
	HDD	1*SATA ports (Max 14TB/per)
	Wireless	3G, WIFI (extend via USB)
General	Power supply	12V/2A
	Power Consumption	<15W (without HDD)
	Working environment	Temperature:0℃—+55℃, Humidity:10%—90%, Atm:86kpa—106kpa
	Dimension	135mm*82mm
	Weight	105g



Socket	Function	Interface Description			
CN14	12Vinput				
J6	SATA power socket	1:+5	2:GND	3:GND	4:+12
J1	Extended WiFi socket	1:GND	2:DP	3: DM	4:+5
		5:CTRL			
CN6	Fan power socket	1: +12	2: GND		
CN9	10PIN without MCU front panel socket	1:+3.3	2:GND	3:IR	4:Y2
		5:Y1	6:X2	7:Y3	8:X1
		9:ALARM	10:REC		
J4	20PIN front panel socket	1:GND	2:X0	3:X4	4:Y4
		5:X3	6:Y0	7:Y2	8:X1
		9:Y1	10:ALARM	11:REC	12:IR
		13:LINK	14:+3.3	15:Y3	16:X2



		17:NC	18:GND	19:NC	20:NC
CN7	SATA0				
CN8	SATA1				
CN5	TTL				
CN4	MCU front panel socket	1:+5	2:GND	3:5VSB	4:GND
		5:YKIN2	6:NC	7:RXD	8:TXD
		9:PWR_S	10:GND		
BT1	Battery seat				
BZ1	Buzzer				
CN12	Audio expansion seat	1:GND	2:ADUIO_IN4	3:ADUIO_IN3	4:ADUIO_IN2
		5:ADUIO_IN1	6:ADUIO_OUT		
CN1	4ch BNC Video input	Left down:VIDE04	Left up:VIDE03	Right down:VIDE02	Right up:VIDE01
J8	HDMI				
J9	CVBS interface (only models with CVBS support this interface)				
J7	Audio RCA combination interface	Down :AUDIO_OUT_MAIN	up:AUDIO1		
CN13	2USB+RJ45				
J10	VGA				
CN11	USB expansion seat	1:+5	2:DM	3:DP	4:GND