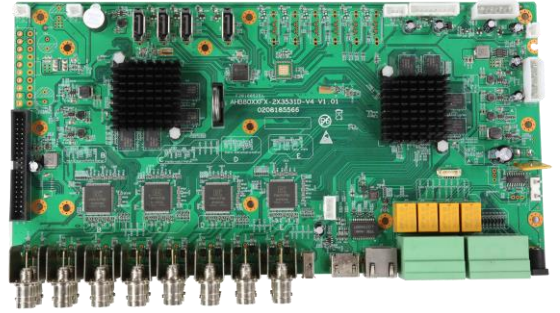




AHB8016F4-GL

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, CMS, 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;



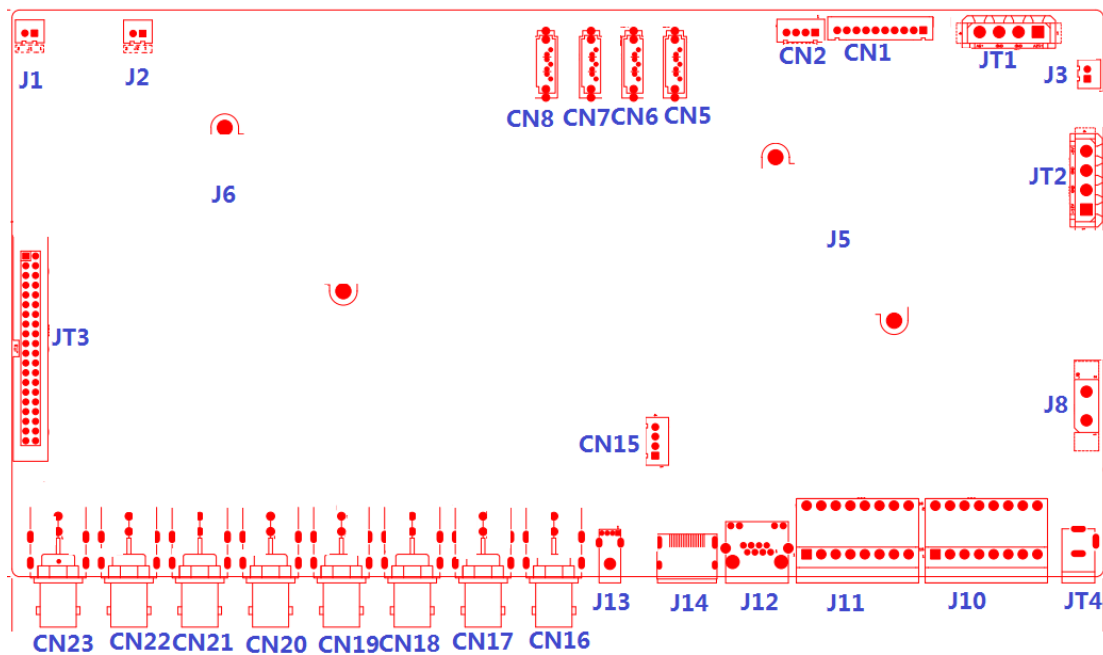
Specification:

	Model	AHB8016F4-GL
System	Main processor	Hi3531D
Interface	Preview	1/4/8/9/16
Video	Codec	H.265+
	Monitor quality	VGA(1080P at most);HDMI(4K at most)
	Preview ability	16*8M@15fps(AHD); 16*5M@20fps(6 in 1); 16*4M(6 in 1);
	Encode ability	16*8M@8fps(AHD); 16*5M@13fps(6 in 1); 16*4M@18fps(6 in 1); 16*3M@21fps(6 in 1); 16*1080P(6 in 1);
	Decode ability	8*8M@8fps(AHD); 8*5M@14fps+8*5M@I fps(6 in 1); 8*4M@18fps+8*4M@I fps(6 in 1); 8*3M@21fps+8*3M@I fps(6 in 1); 8*1080P +8*1080p@I fps(6 in 1)
	Multi-mode input	Analog: 16*8M; 16*5M; Digital to analog conversion: support Hybird:4*4K(analog)+4*4K (network) network: 32*1080P; 16*3M; 8*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	16ch/8ch
	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	16ch BNC
	Video output	1ch VGA, 1ch HDMI
	Loop Vout	N/A
	Audio I/O	0(Can be extended to16ch)/0(Can be extended to1ch)



	Alarm I/O	16/4
	Network interface	RJ45 10M/100M/1000M self-adaption
	PTZ control	Support kinds of PTZ protocols
	USB	2* USB 2.0 ports
	HDD	4*SATA ports (Max 8TB/per)
	Wireless	3G, WIFI (extend via USB)
General	Power supply	12V/6A
	Power Consumption	<15W (without HDD)
	Working environment	Temperature:0℃—+55℃, Humidity:10%—90%, Atm:86kpa—106kpa
	Dimension	286mm*148mm
	Weight	373g

AHB8016F4-GL:



Socket	Function	Interface Description			
J1	Fan carrier				
J2	Fan carrier				
J3	Fan carrier				
CN8	SATA				
CN7	SATA				
CN6	SATA				
CN5	SATA				
CN2	USB extension port				
CN15	USB extension port				
CN1	10PIN MCU front panel expansion carrier				
JT1	Hard disk power supply interface				
JT2	Hard disk power supply interface				



J8	12V input				
JT4	12Vinput				
J10	Alarm input extension	1: ALARM_IN1	2: ALARM_IN9	3: ALARM_IN2	4: ALARM_IN10
		5: ALARM_IN3	6: ALARM_IN11	7: ALARM_IN4	8: ALARM_IN12
		9: GND	10: GND	11: ALARM_IN5	12: ALARM_IN13
		13: ALARM_IN6	14: ALARM_IN14	15: ALARM_IN7	16: ALARM_IN15
J9	Alarm input + output extension +RS232 +RS485	1: ALARM_IN8	2: ALARM_IN16	3: GND	4: GND
		5: ALARMOUT1_C	6: ALARMOUT3_C	7: ALARMOUT1_NO	8: ALARMOUT3_NO
		9: ALARMOUT2_C	10: ALARMOUT4_C	11: ALARMOUT2_NO	12: ALARMOUT4_NO
		13: RS232_R	14: RS485_A	15: RS232_T	16: RS485_B
J12	RJ45				
J14	HDMI				
J13	USB				
JT3	Audio extension	1:NC	2:NC	3:NC	4:NC
		5:NC	6:NC	7:NC	8:NC
		9:GND	10:GND	11:NC	12:NC
		13:NC	14:NC	15:NC	16:NC
		17:NC	18:NC	19:GND	20:GND
		21:AUDIO1	22: AUDIO9	23:AUDIO2	24:AUDIO10
		25:AUDIO3	26:AUDIO11	27:AUDIO4	28:AUDIO12
		29:AUDIO5	30:AUDIO13	31:AUDIO6	32:AUDIO14
		33:AUDIO7	34:AUDIO15	35:AUDIO8	36:AUDIO16
		37:NC	38:GND	39:NC	40:AUDIO_OUT_MAIN
CN23	BNC Video input	上:VIDEO15	下: VIDEO16		
CN22	BNC Video input	上:VIDEO13	下: VIDEO14		
CN21	BNC Video input	上:VIDEO11	下: VIDEO12		
CN20	BNC Video input	上:VIDEO9	下: VIDEO10		
CN19	BNC Video input	上:VIDEO7	下: VIDEO8		
CN18	BNC Video input	上:VIDEO5	下: VIDEO6		
CN17	BNC Video input	上:VIDEO3	下: VIDEO4		
CN16	BNC Video input	上:VIDEO1	下: VIDEO2		