

AHB80N16F4-GL-V4

Feature:

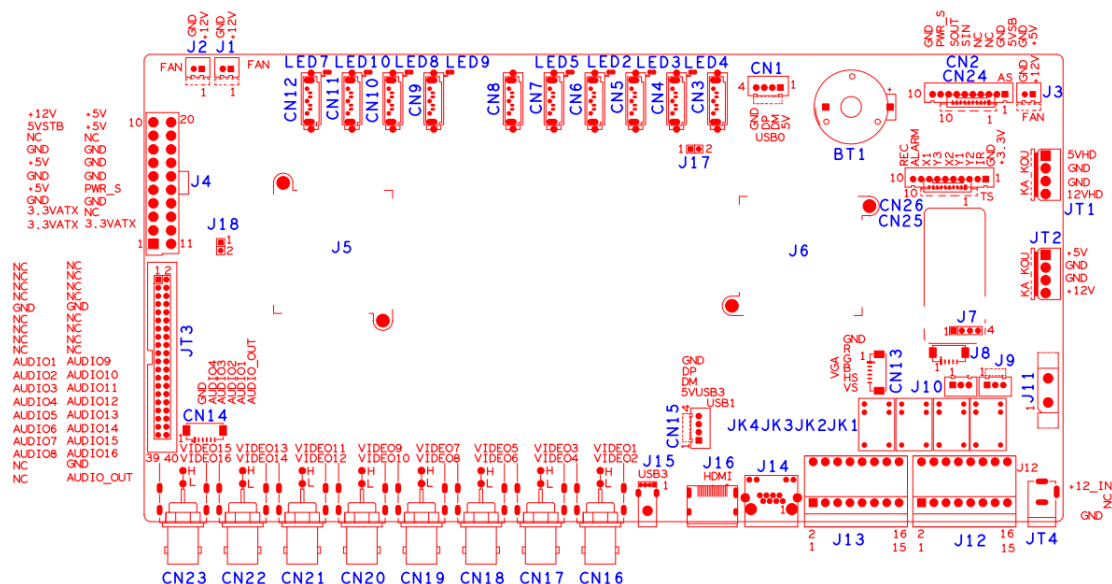
- Support H.265+ encoding, ultra-low bitrates, compatible with H.264 surroundings;
- Support VGA, HDMI full HD output simultaneously;
- Support ONVIF; access third party;
- Support multiple cloud technology, network penetration, alarm information pushed to your phone and other functions;
- Support web, 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 coaxial audio bidirectional transmission
- Support XVI/AHD/TVI/CVI/CVBS/IP six signals;
- Support intelligent analysis: Vehicle shape detection, Human detection, face detection



Specification:

	Model	AHB80N16F4-GL-V4
System	Main processor	NT98336
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(6 in 1); 16*5M@20fps(6 in 1); 16*4M(6 in 1);
	Encode ability	16*8M@8fps((6 in 1); 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	16*8M@8fps(6 in 1); 16*5M@13fps(6 in 1); 16*4M@18fps(6 in 1); 16*3M@21fps(6 in 1); 16*1080P(6 in 1);
	Multi-mode input	Analog: 16*8M; Hybird:16*4K(analog)+16*4K (network) network: 32*4K
	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
	Coaxial audio	Support coaxial audio bidirectional transmission
	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(Can be extended to 3ch)
	HDD	4*SATA ports (Max14TB/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*128mm
	Weight	373g



		2	USB3_DM0
		3	USB3_DP0
		4	GND
CN2、CN24	Front panel interface	1	+5
		2/4/10	GND
		3	+5_STB
		7	UART4_SIN
		8	UART4_SOUT
		9	PWR_S
CN25、CN26	Front panel interface	1	+3.3
		2	GND
		3	FRONT_IR
		4	FRONT_Y2
		5	FRONT_Y1
		6	FRONT_X2
		7	FRONT_Y3
		8	FRONT_X1
		9	ALARM
		10	REC
CN3-CN12	sata		
CN13	VGA expansion interface	1	GND
		2	VGA_RED
		3	VGA_GREEN
		4	VGA_BLUE
		5	VGA_HS
		6	VGA_VS
CN14	Audio expansion interface	1	GND
		2	AUDIO4
		3	AUDIO3
		4	AUDIO2
		5	AUDIO1
		6	AUDIO_OUT_MAIN
CN16-CN23	BNC analog video input		
J1、J2、J3	Fan power socket	1	+12
		2	GND
J4	ATX	1/2/11	+3.3_ATX
		3/5/7/13/15/16/17	GND
		4/6/19/20	+5
		9	+5_STB
		10	+12
		14	PWR_S
J7、J8	433	1	GND

		2	UART3_SOUT
		3	UART3_SIN
		4	+3.3_433
J11	power switch		
J12	Alarm input	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	
		11	ALARM_IN5
		12	ALARM_IN13
		13	ALARM_IN6
		14	ALARM_IN14
		15	ALARM_IN7
		16	ALARM_IN15
J13	Alarm input、 Alarm output、 RS232、RS485	1	ALARM_IN8
		2	ALARM_IN16
		3	GND
		4	
		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
J14	RJ45		
J16	HDMI		
J17	Chip EFUSE power supply	1	+1.8_EFUSE
		2	+1.8
J18	Chip EFUSE power supply	1	+1.8_EFUSE_S1
		2	+1.8_S1

JT1	SATA power socket	1	5V_HD1
		2	GND
		3	
		4	12V_HD1
JT2	SATA power socket	1	+12
		2	GND
		3	
		4	+5
JT3	Audio I / O expansion interface	9/10/19/20/38	GND
		21	AUDIO1
		23	AUDIO2
		25	AUDIO3
		27	AUDIO4
		29	AUDIO5
		31	AUDIO6
		33	AUDIO7
		35	AUDIO8
		22	AUDIO9
		24	AUDIO10
		26	AUDIO11
		28	AUDIO12
		30	AUDIO13
		32	AUDIO14
		34	AUDIO15
		36	AUDIO16
		40	AUDIO_OUT_MAIN
JT4	12V input	1	+12_VIN
		3	GND