



AHB8016T-LY-V3



Feature:

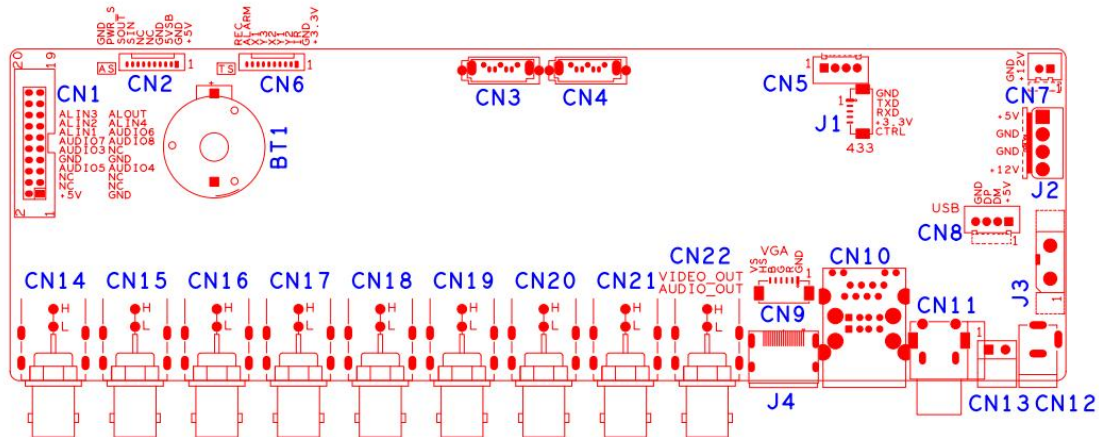
- Support H.265+ encoding, ultra-low bitrates, compatible with H.264 surroundings;
- Support HDMI full HD output simultaneously;
- Support ONVIF; access third party;
- Support multiple cloud technology, network penetration, alarm information pushed to your phone and other functions;
- Support web, VMS, 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, Vehicle shape detection;

Specification:

	Model	AHB8016T-LY-V3
System	Main processor	NT98332
Interface	Preview	1/4/8/9/16
Video	Codec	H.265+
	Monitor quality	CVBS、VGA (1080P at most); HDMI (4K at most)
	Preview ability	16*5M-N@12fps (6 in 1)/16*4M-N@15fps (6 in 1) (XVI), default 5M-N
	Encode ability	16*5M-N@6fps (6 in 1)/16*4M-N@8fps (6 in 1) (XVI), default 5M-N
	Decode ability	16*5M-N@6fps (6 in 1)/16*4M-N@8fps (6 in 1) (XVI), default 5M-N
	Multi-mode input	Analog: 16*5M-N hybrid: 16*5M-N (analog) +4*1080P (network) network: 16*1080P; 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	Coaxial audio	support
	Audio compression	G.711A
	Intercom	support
Record & playback	Record mode	manual>alarm>motion detection>timing
	Local Playback	16ch(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	16ch BNC
	Video output	1ch HDMI (Support extended VGA*1)
	Loop Vout	N/A
	Audio I/O	2 (Can be extended to 6ch) /1
	Alarm I/O	0 (Can be extended to 4ch) /0 (Can be extended to 1ch)
	Network interface	RJ45 10M/100M self-adaption
	PTZ control	1*RS485, Support kinds of PTZ protocols
	USB	2* USB 2.0 ports



General	HDD	2*SATA ports (Max 14TB/per)
	Wireless	3G, WIFI (extend via USB)
	Power supply	12V/2A
	Power Consumption	<15W (without HDD)
	Working environment	Temperature:0℃—+55℃, Humidity:10%—90%, Atm:86kpa—106kpa
	Dimension	239mm*75mm
	Weight	248g



No.	Interface Description	Function			
CN6	10PIN front panel socket	1、+3.3	2、GND	3、FRONT_IR	4、FRONT_Y2
		5、FRONT_Y1	6、FRONT_X2	7、FRONT_Y3	8、FRONT_X1
		9、FRONT_ALARM	10、FRONT_REC		
J2	SATA power socket				
CN3,CN4	SATA				
CN5					
CN8	USB expansion seat	1、+5	2、DM	3、DP	4、GND
CN2	MCU front panel socket	1、+5	2、GND	3、+5_STB	4、GND
		5、	6、	7、SIN	8、SOUT
		9、PWR_S	10、GND		
CN7	FAN power socket	1、+12	2、GND		
CN13	485	1、RS485_A	2、RS485_B		
CN11	Audio input				
J1	433	1、GND	2、SOUT	3、SIN	4、+3.3
J3	Switch terminal				
CN12	12V input				
CN10	RJ45+2*USB				
CN9	VGA				
J4	HDMI				
CN14-CN21	BNC				
CN1	Audio&alarm expansion seat	1、GND	2、+5	3、	4、
		5、	6、	7、AUDIO6	8、AUDIO7



		9、GND	10、GND	11、AUDIO2	12、AUDIO5
		13、AUDIO4	14、AUDIO3	15、AUDIO8	16、ALARM_IN1
		17、ALARM_IN4	18、ALARM_IN2	19、ALOUT1	20、ALARM_IN3
CN22	Audio output seat / CVBS output seat				
BT1	RTC Battery seat				