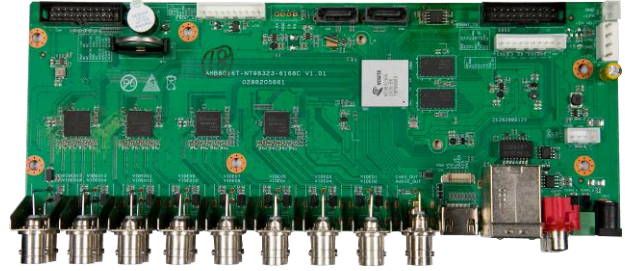




AHB80N16T-LME-V2

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

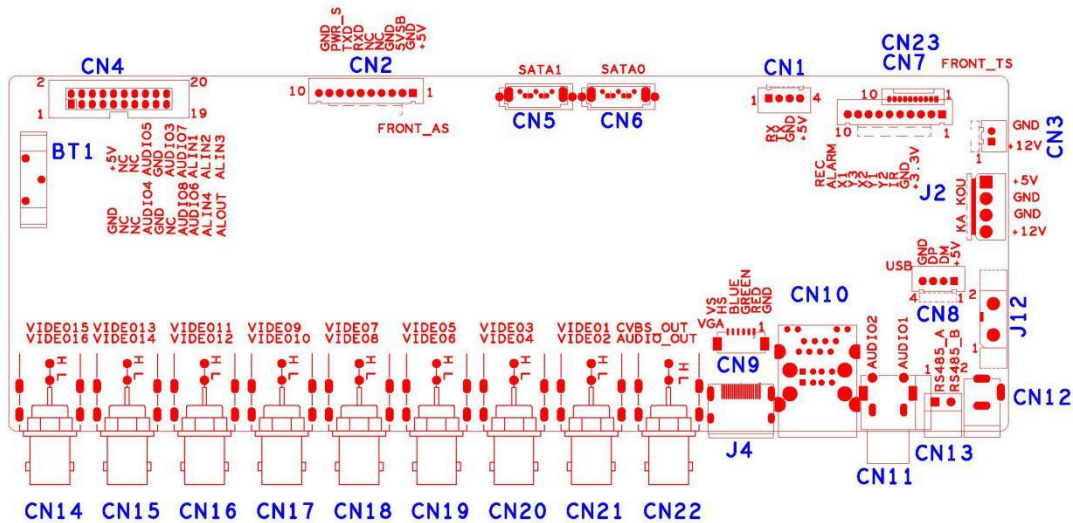


Specification:

	Model	AHB80N16T-LME-V2
System	Main processor	NT98323
Interface	Preview	1/4/8/9/16
Video	Codec	H.265+
	Monitor quality	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	8*5M-N@6fps (6 in 1)/8*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	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
	HDD	2*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	239mm*85mm
	Weight	248g



Function	Interface Description	Function			
CN12	12V input				
J12	Switch terminal				
CN13	RS485	1: RS485_A	2: RS485_B		
CN11	Audio input seat	up: AUDIO1	down: AUDIO2		
CN10	RJ45+2*USB				
J4	HDMI				
CN9	VGA expansion seat	1:GND	2:RED	3:GREEN	4:BLUE
		5:HS	6:VS		
CN22	Audio output seat / CVBS output seat	up:	down:		
		CVBS output	Audio output		
CN21	BNC Video input	up: VIDEO1	down: VIDEO2		
CN20	BNC Video input	up: VIDEO3	down: VIDEO4		
CN19	BNC Video input	up: VIDEO5	down: VIDEO6		
CN18	BNC Video input	up: VIDEO7	down: VIDEO8		
CN17	BNC Video input	up: VIDEO9	down: VIDEO10		
CN16	BNC Video input	up: VIDEO11	down: VIDEO12		
CN15	BNC Video input	up: VIDEO13	down: VIDEO14		
CN14	BNC Video input	up: VIDEO15	down: VIDEO16		



BT1	RTC Battery seat				
CN4	Audio&alarm expansion seat	1:GND	2:5V	3:NC	4:NC
		5:NC	6:NC	7:AUDIO14	8:AUDIO15
		9:GND	10:GND	11:NC	12:AUDIO3
		13:AUDIO8	14:AUDIO7	15:AUDIO6	16:ALIN1
		17:ALIN4	18:ALIN2	19:ALOUT	20:ALIN3
CN2	10PIN MCU front panel socket	1: 5V	2: GND	3:+5_STB	4:GND
		5:NC	6:NC	7:UART_RX	8:UART_TX
		9:PWR	10:GND		
CN5	SATA				
CN6	SATA				
CN1		1: RX	2: TX	3: GND	4: +5V
CN7、 CN23	10PIN front panel socket	1:+3.3V	2: GND	3:IR	4:COL1
		5:COL3	6:COL4	7: ROW7	8: COL2
		9: ALARM	10:REC		
CN3	FAN power socket	1: +12V	2:GND		
J2	SATA power socket	1: +5V	2:GND	3:GND	4:+12V
CN8	USB expansion seat	1:+5V	2: DM	3:DP	4:GND