



AHB80N16T-LME



Feature:

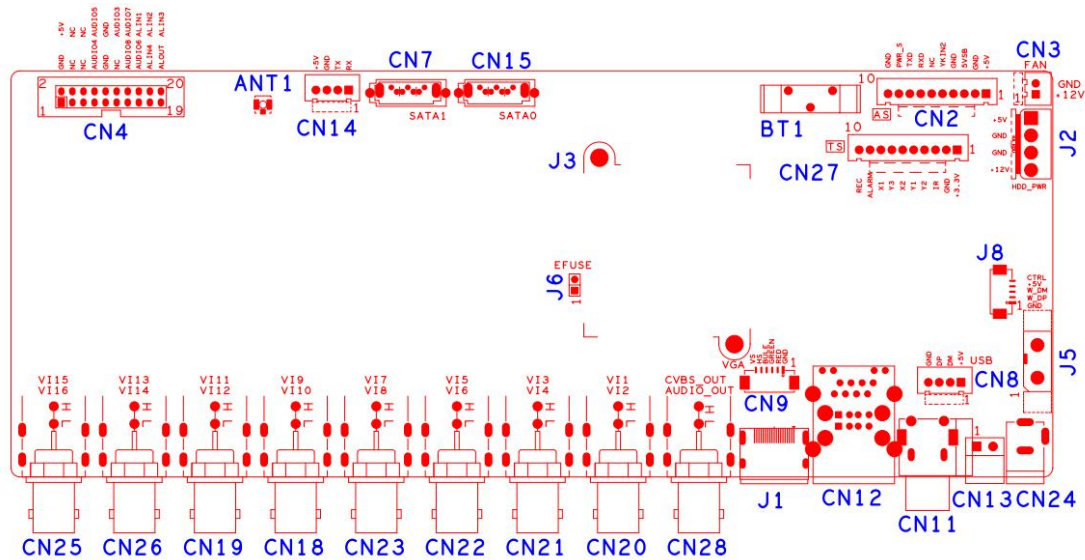
- Support H.265+ encoding, ultra-low bitrates, compatible with H.264 surroundings;
- Support HDMI full HD output simultaneously;
- Support ONVIF; access third party;
- Support multiple cloud technology, network penetration, alarm information pushed to your phone and other functions;
- Support web, VMS, 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
System	Main processor	NT98312
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)/16*1080P@15fps (XVI), default 5M-N
	Encode ability	16*5M-N@6fps (6 in 1)/16*4M-N@8fps (6 in 1)/16*1080P@8fps (XVI) , default 5M-N
	Decode ability	8*5M-N@6fps (6 in 1)/8*4M-N@8fps (6 in 1)/8*1080P@8fps (XVI) , default 5M-N
	Multi-mode input	Analog: 16*5M-N hybrid: 16*5M-N (analog) +4*1080P (network) network: 16*1080P; 4*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
	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	238mm*94mm
	Weight	248g



Socket	Function	Interface Description			
CN4	Audio&alarm expansion seat	1:GND	2:+5V	3:NC	4:NC
		5: NC	6:NC	7:AUDIO4	8:AUDIO5
		9:GND	10:GND	11:NC	12:AUDIO3
		13:AUDIO8	14:AUDIO7	15:AUDIO6	16:ALIN1
		17:ALIN4	18:ALIN2	19:ALOUT1	20:ALIN3
ANT1	Antenna interface				
CN14	Debug UART	1:RX	2:TX	3:GND	4:+5V
CN7	SATA1				
CN15	SATA0				
BT1	Battery seat				
CN2	10PIN MCU front panel socket	1:+5V	2: GND	3:+5_STB	4:GND
		5:NC	6:NC	7: URXD2	8: UTXD2
		9: PWR_S	10:GND		
CN27	10PIN front panel socket	1:+3.3V	2: GND	3:IR	4:COL2
		5:COL1	6:ROW2	7:COL3	8: ROW1
		9: ALARM	10:REC		
CN3	FAN power socket	1:+12V	2:GND		
J2	SATA power socket	1:+5	2:GND	3:GND	4:+12
J8	WIFI expansion seat	1:GND	2: USB_DP	3:USB_DM	4:+5V
		5:POWER_EN			
J5	power switch				
CN24	12V input				



CN13	RS485				
CN8	USB expansion seat	1:+5	2:DM	3:DM	4:GND
CN11	Audio input seat	up: input1	down: input2		
CN12	2USB+RJ45				
J1	HDMI				
CN9	VGA expansion seat	1:GND	2:RED	3:GREEN	4:BLUE
		5:HS	6:VS		
CN28	Audio output seat / CVBS output seat				
CN20	BNC Video input	up:VIDE01	down: VIDE02		
CN21	BNC Video input	up:VIDE03	down: VIDE04		
CN22	BNC Video input	up:VIDE05	down: VIDE06		
CN23	BNC Video input	up:VIDE07	down: VIDE08		
CN18	BNC Video input	up:VIDE09	down: VIDE010		
CN19	BNC Video input	up:VIDE011	down: VIDE012		
CN26	BNC Video input	up:VIDE013	down: VIDE014		
CN25	BNC Video input	up:VIDE015	down: VIDE016		
J13	Heat sink				
J6	EFUSE				
