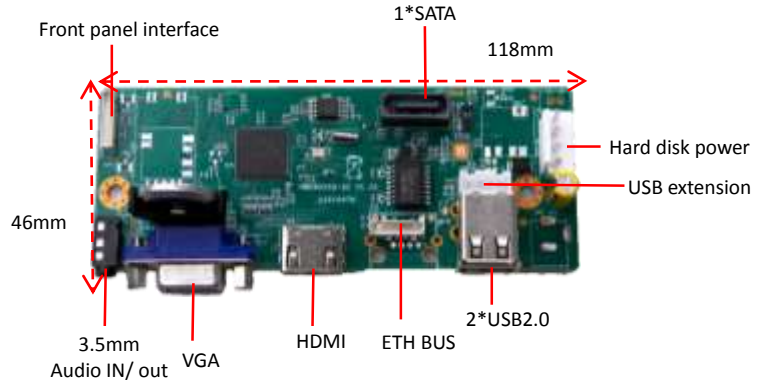


NBD80S16S-KL(EP)

16ch 4K POE H.265 NVR Board

Feature:

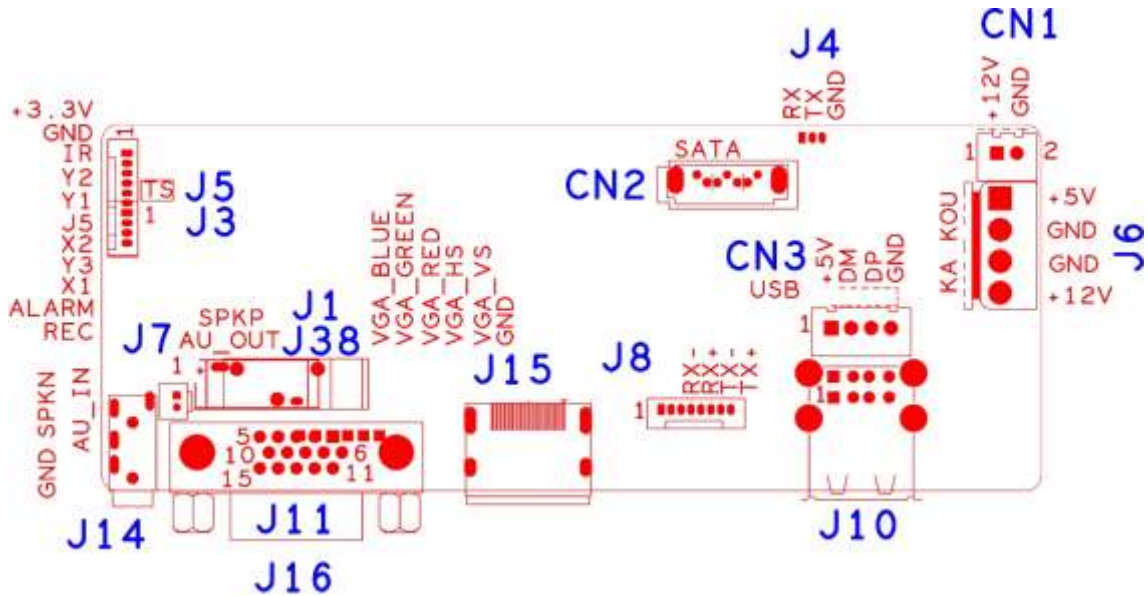
- Support access of multiple XM smart front-end devices with human detection、 face detection and car detection function.
- Requires external POE expansion board power supply and network connection.
- Support HDMI 4K,VGA 1080P HD output;
- Support ONVIF;access third party;
- Support web, CMS, center platform management software MYEYE, provide SDK development;
- Support multiple cloud technology, network penetration, alarm information pushed to your phone and other functions;
- Support multiple network services (support DHCP, FTP, DNS, DDNS, NTP, UPNP, EMAIL, IP searches, Alarm Center, etc.);
- Support GB28181 protocol access to third-party platforms.



Parameters:

Model: NBD80S16S-KL(EP)

	Model	NBD80S16S-KL(EP)
System	Operating System	Embedded Linux
	System resources	Simultaneous multi-channel real-time recording, playback, network operation, USB backup
Interface	Operator interface	16-bit true color graphic menu operation interface, support mouse operation
	Preview	1/2/4/6/8/9/16
Video	Video input (IP)	16*4K
	Video compression	H.265A/H.265+(compatible H.265/H.264)
	Display quality	Max:4K
	Playback quality	4K/5M/4M/3M/1080P
	Decode	4K (1) /5M (1+1) /4M(2)/3M (2+1) /1080P (4)
	VR	Unsupport
	human shape / Face	Support (depend on camera)
Audio	Audio compression	G.711A
	Intercom	support
Record & playback	Recording mode	Manual>Alarm>Dynamic Detection>Timing
	Local playback	4K (1) /5M (1+1) /4M(2+1)/3M (2+2) /1080P (4+1)
	Search mode	Search by Time/Calendar/Event/Channel/Face
	Record storage	HDD、 Network、 Cloud
	Backup mode	Network backup, USB hard disk, USB burner, SATA burner
External interface	Video output	1ch VGA, 1ch HDMI HD output
	Audio I/O	1/1 (3.5mm)
	Alarm I/O	0/0
	Network interface	1*RJ45 10M/100M Adaptive Ethernet port
	USB interface	2*USB2.0 ports(one USB extension interface is reserved)
	HDD	1* SATA(Up to 14TB for each disk)
	ESATA	No
Serial interface	No	
Other	ONVIF	Support
	Power supply	Expansion board 12V power supply
	Power Consumption	<10W(Without HDD)
	Work environment	Temperature:0°C - 55°C , Humidity:10% - 90%RH , Atm:86kpa - 106kpa
	Dimension	118mm*46mm
	Weight	A total of about 43g



sign	Function	Interface Description			
J1	CR2032 Battery holder				
CN2	SATA				
J3/J5	10Pin front panel interface (1.25*10P)	1:+3.3	2:GND	3:IR	4:COL2
		5:COL1	6:ROW2	7:COL3	8:ROW1
		9:ALARM	10:REC		
J4	RS232				
J6	SATA power extension socket	1:+5	2:GND	3:GND	4:+12
CN1	Fan seat	1:+12	2:GND		
J10	2*USB				
CN3	USB Extension interface	1:+5	2:USB_DM	3:USB_DP	4:GND
J8	Poe Extension interface	1:NC	2:NC	3:NC	4:NC
		5:ETHRX-	6:ETHRX+	7:ETHTX-	8:ETHTX+
J15	HDMI				
J16	VGA				
J11	VGA Extension interface				
J14	3.5mm Audio In/Output interface				
J7	Speaker Extension interface				