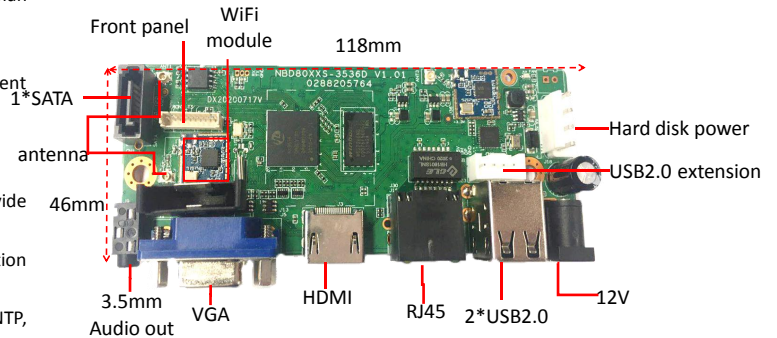


NBD8008S-QWG-V2
8ch 3.0MP H.265 450Meters WiFi NVR Board

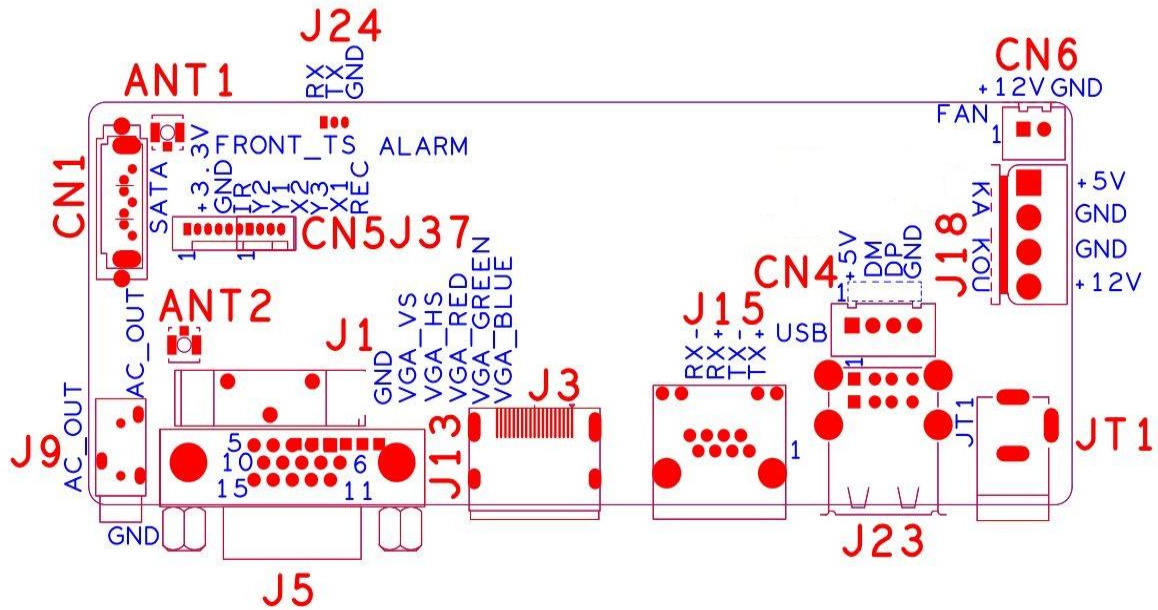
Feature:

- Support the access of WIFI intelligent front-end devices such as human shape detection and face detection
- Supports one key wireless pair code and easy to operate;
- Support 450m signal stable connection in open environment, excellent through wall performance WiFi chip, strong anti-interference
- Support H.265AI coded front-end camera;
- Support VGA HDMI output;
- 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.);
- Dual WIFI, support WIFI access to the front camera, support WIFI remote access.



Parameters: Model: NBD8008S-QWDG-V2

	Model	NBD8008S-QWDG-V2
System	Main processor	Hi3536DV100
	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
Video	Video input (IP)	4*5M/ 8*3M
	Video compression	H.265AI/H.265+(compatible with H.265/H.264)
	Display quality	Max:2560*1440(2K)
	Playback quality	5M / 3M
	Decode	4*5M/ 8*3M
	VR	Unsupport
	human shape / Face Detection	Support(depend on camera)
Audio	Audio compression	G.711A
	Intercom	Unsupport
Record & playback	Recording mode	Manual>Alarm>Dynamic Detection>Timing
	Local payback	4*5M/ 8*3M
	Search mode	Search by Time/Calendar/Event/Channel/Face
	Record storage	HDD、 Network
	Backup mode	Network backup, USB hard disk, USB burner, SATA burner
External interface	Video output	1ch VGA, 1ch HDMI HD output
	Audio I/O	0/1 (3.5mm Audio output)
	Alarm I/O	0/0
	Network interface	1*RJ45 10M/100M Adaptive Ethernet port+ 4/8ch WIFI
	USB interface	2*USB2.0 ports(Reserved 1 pre interface)
	HDD	1* SATA(Up to 14TB for each disk)
	ESATA	No
Serial interface	No	
Other	ONVIF	support
	Power supply	12V/2A
	Power Consumption	<10W(Without HDD)
	Work environment	Temperature:0℃-+55℃ , Humidity:10%—90%RH , Atm:86kpa—106kp
	Dimension	118mm*46mm
	Weight	A total of about 44g



sign	Function	Interface Description			
CN1	SATA				
CN5	Without front panel expansion seat of single chip microcomputer (updated to 1.25 * 10p) without front panel expansion seat of single chip microcomputer (updated to 1.25 * 10p)	1:+3.3	2:GND	3:IR	4:COL2
		5:COL1	6:ROW2	7:COL3	8:ROW1
		9:ALARM	10:REC		
J37	4Pin front panel interface (reserve)	1:+3.3	2:GND	3:ALARM	4:REC
J24	Debug UART	1:RXD	2:TXD	3:GND	
CN6	Fan power socket (reserved)	1:+12V	2:GND		
J18	Hard disk power socket	1:+5	2:GND	3:GND	4:+12
JT1	12V power input				
J23	2 USB combination interface				
CN4	USB extension				
J15	RJ45 network port				
J3	HDMI interface				
J5	VGA interface				
J1	RS232 battery interface				
J9	3.5mm audio output interface				
ANT2	Antenna IPEX interface				
ANT1	Antenna IPEX interface (false)				