16 Channel 4K Network Video Recorder

Model: VH6816-SAN

Features:

- Up to 8/16 channel with real-time live views
- H.265/H.264/MJPEG dual codec decoding
- Full HD 1080p resolution
- Up to 12MP preview & recording
- 2 HDMI / VGA simultaneous video output
- 16 channel synchronous real-time playback, GRID interface
- Support Multi-brand network cameras
- ONVIF Version 2.4 conformance
- 3D intelligent positioning with PTZ camera
- Support 8 SATA HDDs, 1 eSATA, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS & Mobile

4K ULTRA HD

AWB

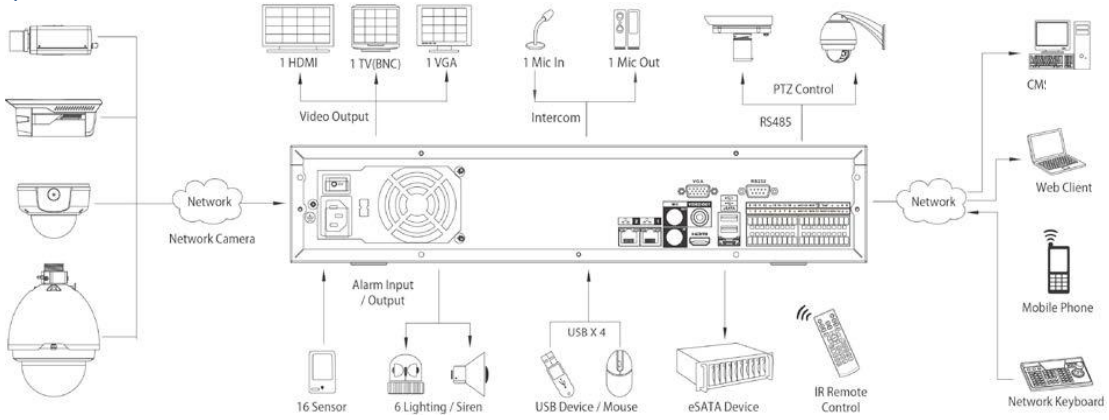
BLC

2D+3D DNR

DC12V

OSD

System Connection ----------



Specifications:

Model		VH6816-SAN
System	Main Processor	High performance Dual-core embedded microprocessor
	Operating System	Embedded LINUX
	System Resources	Pentaplex function: live, recording, playback, backup & remote access
	GUI	Unified PVR frontend (DVR/HTPC client GUI with EPG) and Add-ons API for PVR backend
	Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network
Video	IP Camera Input	16 Channel
	IP Camera Support	Videoline usa, Arecont Vision, AXIS, Canon, Dynacolor, Dahua, Hikvision Panasonic, SAMSUNG, SANYO, SONY, ONVIF 2.1
	Output	2 HDMI(video & audio), 1 VGA
Display	Display Split	1/4/8/9/16
	Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
	Tour Display	Support
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
	OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	Compression	H.265 / H.264 / MPEG4
	Recording Resolution	12MP(4K), 5MP(2560×1920) / 3MP(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)
	Max Recording Speed	192Mbps
	Recording Bit Rate	1~ 20Mbps
	Recording Quality	CBR, VBR(1~6 level, level 6 is the best)
	Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
	Recording Priority	Manual >Alarm >MD >Regular
	Recording Interval	1~120 min (default: 60 min) Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips
	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
	Video Loss & Camera Blank	Support
	Alarm Input	16 channel
	Relay Output	6 channel
Playback & Backup	Playback Channel	1/2/4/8/16
	Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
	Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next le, Previous le, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
	Backup Mode	USB Device / eSATA Device / Internal SATA burner/ Network
Network	Ethernet	2 RJ-45 port (10/100M/1000M)
	Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Videoline usa IP camera, DVR, NVS etc)
	Max Remote Users	128 Users simultaneously
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
	Supported Software	Linovision, Unisight, CP-KVMS, vOptimus Pro, KVMS Pro, PSS, DMSS, iVMS, etc.
	Smart Phone	iPhone, iPad, Android, Windows Phone
Hard Disk	Hard Disk	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW)
	External HDD	1 eSATA port (Max 4 SATA HDDs)
	Space Occupation	Max 3.6GB/H per channel
	HDD Management	HDD Group, HDD hibernation technology, HDD faulty alarm & Raid (Redundancy)
Auxiliary Interface	USB Interface	4 ports (2 Rear), USB2.0/3.0
	RS232	1 Port for Keyboard, PC communication
	RS485	1 Port for PTZ control
Environmental	Power Supply	AC 100~240V, 50/60 Hz
	Power Consumption	40W(without HDD)
	Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
	Dimension	2U, 440mm × 460mm × 89mm
	Weight	6KG(without HDD)

Note: Design & Specification are subject to change without prior notice.

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