

16 Channel Network Video Recorder

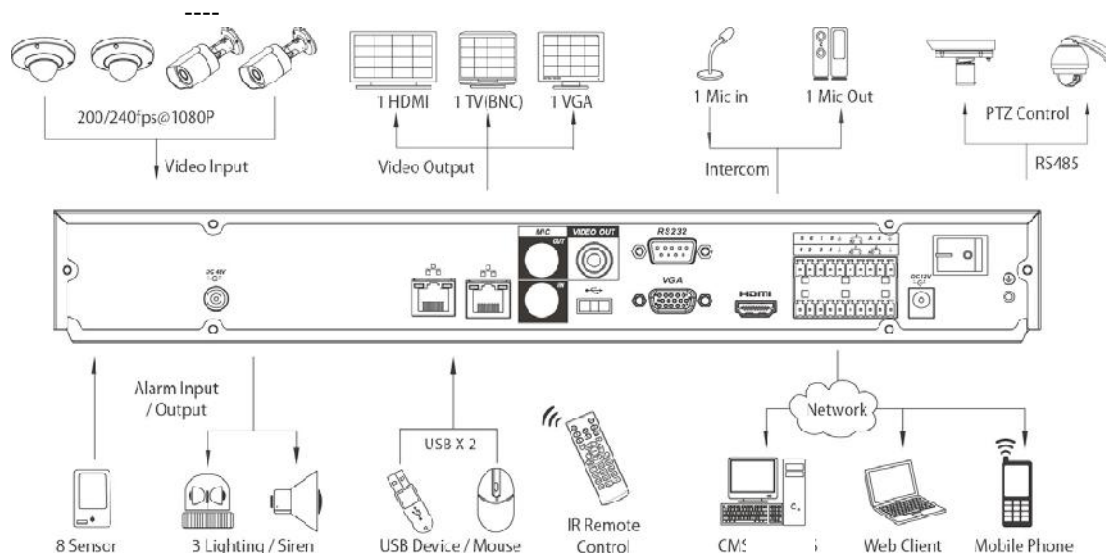
Model: VH6416K-SAN



Features:

- H.265/H.264/MJPEG/MPEG4 codec decoding
- Max 320Mbps incoming bandwidth
- 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 4 SATA HDDs up to 32TB, 2 USB3.0
- Multiple network monitoring: Web viewer, CMS & Mobile

System Connection



Ultra HD

4K

ONVIF



Video Analytics



DC12V



OSD

Specifications:

Model		VH6416K-SAN
System	Main Processor	High performance Quad-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 Supported List	Videoline usa, Arecont Vision, AXIS, Canon, Dynacolor, Dahua, Hikvision, Panasonic, SAMSUNG, SANYO, SONY, ONVIF 2.0
	Output	2 HDMI(video & audio), 1 VGA
Display	Display Split	1/4/8/9/16
	Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
	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/MJPEG/MPEG4
	Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/720P/D1
	Max Recording Speed	320Mbps
	Recording Bit Rate	16kbps~20Mbps per ch.
	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(22x18), Sensitivity: 1~6 (level 6 is highest)
	Video Loss & Camera Blank	Support
	Alarm Input	8 channel
	Relay Output	3 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 DVDR-W/ 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, P2P, 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
Storage	Hard Disk	4 SATA ports upto 8TB each, 1eSATA port
Auxiliary Interface	USB Interface	3 ports (2 Rear/1 Front), USB3.0
	RS232	1 Port for Keyboard, PC communication
	RS485	1 Port for PTZ control
Environmental	Power Supply	Single, AC 100~240V, 50/60 Hz
	Power Consumption	20W(without HDD)
	Working Environment	-10 ~ +55°C / 10~90%RH / 86~106kpa
	Dimension	1.5U, 440mmx411.1mmx76mm
	Weight	4.5KG(without HDD)

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