DH-NVS0104/0204/0404HE

1/2/4 Channel H.264 Network Video Server

DH-NVS0104HE(-E-C): 1 channel video and audio input, H.264, full channel @D1 realtime encoding
DH-NVS0204HE(-E-C): 2 channel video and audio inputs, H.264, full channel @D1 realtime encoding
DH-NVS0404HE(-E-C): 4 channel video and audio inputs, H.264, full channel @D1 realtime encoding

Features

> 1/2/4 channel video and audio inputs
> H.264 video compression and JPEG image capture
> Full channel @D1 realtime encoding
> High quality two-way talk
> Dual encoding streams and ACF (Activity Controlled Frame rate) supported
> Support TV output with simple OSD display
> Multi-zone video detection and privacy masking
> 4 alarm inputs /2 alarm outputs
> RS485 and RS232 interface
> Support 3G connection as EVDO(CDMA1X)/WCDMA and etc.(Model –E/-C only)
> 3D intelligent positioning with DAHUA PTZ dome
> Hot-swap SD card for local storage
> Built-in web server, NVR, MSS & CMS

Specifications

Model	DH-NVS0104HE(-E/-C)	DH-NVS0204HE(-E/-C)	DH-NVS0404HE(-E/-C)
System			
Main Processor	High performance dual-core embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Network live view, local recording and network remote operation		
Control Mode	Local GUI (TV output), Keyboard, Web, PSS, DSS		
System Status	SD Card status, data stream statistics, log record, bios version, on-line user etc.		

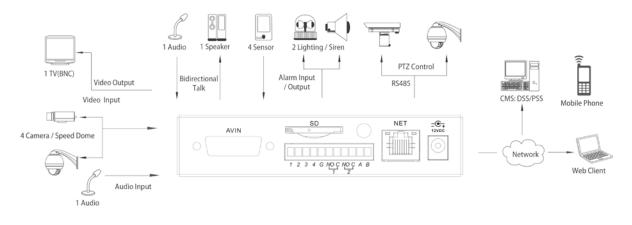# DH-NVS0104/0204/0404HE

Video			
Video Input	1 channel, BNC(1.0Vp-p, 75Ω)	2 channel, BNC(1.0Vp-p, 75Ω)	4 channel, BNC(1.0Vp-p, 75Ω)
Video Output	1 channel TV output, BNC(1.0Vp- p, 75Ω)		
Video Standards	PAL(625Line, 50f/s), NTSC(525Line, 60f/s)		
Video Compression	H.264		
Video Resolution	D1/BCIF/CIF/QCIF		
Recording Speed	D1/BCIF/CIF/QCIF(1~25/30fps)		
Image Quality	1~6 level(level 6 is the best)		
Snapshot	1~7 f/s JPEG capture		
Privacy Masking	8 self-defined four-sided zones		
Camera Adjustment	Adjust color according to different time periods		
Digital Watermark	Digital watermark technology adopted to prevent image tampering		
Video Information	Camera title, time, video loss, motion detection, camera masking		

Audio			
Audio Input	1 channel, 3.5mm JACK MIC IN	2 channel, BNC, 1.0VP- P, 75Ω	4 channel, BNC, 1.0VP- P, 75Ω
Bidirectional Talk Input	1 channel, 3.5mm JACK MIC IN		
Audio Output	1 channel, 3.5mm JACK SPEAK OUT		
Audio Compression	G.711a		

Video Detection & Alarm	
Trigger Events	Recording, PTZ movement, Tour, Snapshot, Alarm, Email
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
Video Loss & Camera Masking	Activation events: alarm, audio/video storage, image capture, log record, SMTP send and etc.
Alarm Input	4 channel
Relay Output	2 channel

Record, Playback & Backup	
Recording Priority	Manual >Alarm >Motion Detection >Auto
Search Mode	Time/Date, Alarm, Type(Alarm, MD) & Search (accurate to second)
Local Storage	SD Card
Record Overwrite	Tag on the important record so that the record can't be overwritten(the tag can be removed)
Storage Management	Alarm triggered by SD card error, no card, not enough card capacity and etc.

Network	
Ethernet	RJ-45 (10/100Base-T)
3G	EVDO(CDMA1X)/WCDMA and other 3G network (model–E/-C only)
Network Functions	HTTP,TCP/IP,ICMP.RTSP,RTP,UDP,RTCP,SMTP,FTP,DHCP,DNS,DDNS,PPPOE
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information, Maintenance & Upgrade

Auxiliary Interface	
RS232	PC communication
RS485	PTZ control

Environmental	
Power Supply	DC12V
Power Consumption	<5W

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Working Temperature	-30℃ ~+55℃
Working Humidity	10%~90%
Atmosphere Pressure	86kpa~106kpa
Dimension	162mm x136mm x30mm (W x D x H)
Weight	1.0Kg

Connection

* Take NVS0404HE as an example

*Design and specifications are subject to change without notice.