

Standalone HBE - SATA Series



Model

DH-DVR0404 / 0804HBEH-S	4 / 8 channel loop matrix and audio/video model
DH-DVR0404 / 0804HBE-S	4 / 8 channel audio/video basic model
DH-DVR0804HBEL-S	8 channel loop and matrix combination model

Features

- H.264 compression algorithm ideal for standalone DVR
- Realtime live display up to 16 cameras, 400/480 fps recording for CIF,2CIF,4CIF
- Full D1 realtime recording and playback for each channel
- Pentaplex function: live, recording, playback, backup & remote access
- Dual encoding streams support, flexible for network transmission
- 8 HDDs supported & CD-RW/DVD-RW supported
- Multiple control methods: front panel, IR remote controller, NVdigital keyboard, USB mouse and network keyboard
- Smart video detection: motion detection, camera blank, video loss
- Smart camera settings: privacy masking, camera lock, color setting, and title display
- Pan Tilt Zoom and Speed Dome Control: more than 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported. Easy backup methods: USB devices, CD-RW/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ preset, matrix output, e-mail & FTP upload
- Smart HDDs Management: non-working HDD hibernation, HDD faulty alarm, Raid function
- Powerful network software: built-in web server, multi-DVR client & CMS. Networking access for remote live viewing, recording, playback, setting, system status, event log, e-mail function

Specification

SYSTEM

Main Processor	High performance embedded microprocessor
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
User Interface	GUI, on-screen menu tips
Control Device	Front panel, USB mouse, IR remote control, NVdigital keyboard
Input Method	Numeral / Character / Denotation
System Status	HDD status, data stream statistics, log record, bios version, on-line user

VIDEO

Video Input	4 / 8 Channel, BNC, 1.0Vp-p, 75Ω, looping (optional),
Video Output	2 channel TV output BNC, 1.0Vp- p, 75Ω 1 VGA output, matrix output (optional).
Video Standards	625Line 50f/s
Video Compression	H.264
Video Resolution	Format <u>PAL</u> D1(4CIF) 704 X 576 2CIF 704 X 288 CIF 352 X 288 QCIF 176 X144
Video Recording	D1/2CIF/CIF/QCIF: 1 f/s - 25f/s
Video Display Split	Full and multiple screen display, 1 / 4 / 8 / 9
Tour Display	Supported
Image Quality	1~6 level (level 6 is the best)
Privacy Masking	Self-defined four-sided zone for privacy masking for each camera
Camera Lock	Camera locked for users
Camera Adjustment	Adjust color according to different time period
Video Information	Camera title, time, video loss, camera lock, motion detection, recording
TV Output Adjustment	Adjust TV output color & display zone

AUDIO

Audio Input	4 / 8 channel, RCA, 200-2800mV, 30KΩ
Bidirectional Talk Input	1 channel, RCA, 200-2800mV, 30KΩ
Audio Output	1 channel, RCA, 200-3000mv, 5KΩ
Audio Compression	ADPCM

HARD DISK

Hard Disk	8 SATA ports, 8 HDDs supported
Space Occupation	Audio 14.4MB/H Video 56 800MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)

VIDEO DETECTION & ALARM

Motion Detection	Zones: 192 (16*12) detection zones Sensitivity: 1~6 (level 6 is highest) Trigger recording, PTZ movement, tour, alarm, e-mail & ftp
Video Loss	Trigger recording, PTZ movement, tour, alarm, e-mail & ftp
Camera blank	Trigger recording, PTZ movement, tour, alarm, e-mail & ftp
Alarm Input	16 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm, e-mail & ftp
Relay output	6 channel, 30VDC, 1A, NO/NC, form-C,

RECORD, PLAYBACK & BACKUP

Recording Mode	Manual, continuous, video detection (including motion detection, camera blank, video loss), Alarm
Recording Priority	Manual >Alarm >Video Detection >Continuous.
Recording Interval	1 to 120 minutes (default: 60 minutes)
Overwrite Mode	Supported
Raid Function	Supported
Search Mode	Time/Date, Alarm, Motion Detection & exact search (accurate to second)
Playback	2 channel playback simultaneously, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection.
Digital Zoom	Selected zone can zoom into full screen during playback
Backup Mode	Flash disk/ USB HDD/ USB CD-RW/DVD-RW/ built-in SATA Burner / network Download

AUXILIARY INTERFACE

USB Interface	2 ports, 1 for mouse control, 1 for backup
RS232	NVdigital keyboard, PC communication
RS485	PTZ control

ENVIRONMENTAL

Power Supply	220V 50Hz / 110V 60Hz
Power consumption	25W / 30W / 40W
Working Temperature	-10 ℃ ~ 55 ℃
Working Humidity	10%~ 90%
Atmosphere Pressure	86kpa~ 106kpa
Dimension	2U, 440mm x 460mm x 89mm (W*D*H)
Weight	7.0KG
Mounting	Desktop or rack

NETWORK

Interface	2 RJ-45 Port (10/100M)
Network Functions	TCP/IP, DHCP, DDNS, PPPOE, E-mail, FTP
Remote operation	Monitor, PTZ control, playback, system setting, file download, log information

Connection Sample

