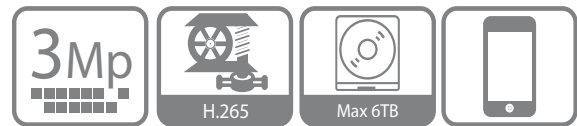*EZ-IP*

NVR1B04(08)HS/L

4/8 Channel Compact 1U H.265 Network Video Recorder

- H.265/H.264 codec decoding
- Max 4/8 channel IPC camera inputs
- Max 48Mbps incoming bandwidth
- Up to 3Mp(2048*1536) resolution preview&playback
- Up to 2ch@1080p decoding
- HDMI/VGA simultaneous video output

3Mp H.265 Max 6TB

System Overview

EZ-IP is perfect for small to medium size applications like home/ residential security, small retail shops, and other typical SMB applications. It offers a perfect alternative to migrate from analog to an IP system with its easy to use nature and cost effectiveness.

EZ-IP is fully in line with Dahua's quality. Stable and reliable components are utilized and Various tests such as anti-vibration, water resistance, and aging tests are performed to ensure Dahua quality standards.

Functions

High Efficiency Video Coding (H.265)

The H.265 (ITU-T VCEG) video compression standard offers double the data compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate, as compared to older video compression technologies. H.265 offers such impressive compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

ANR (Automatic Network Replenishment Technology)

Network Video Recorders with the ANR function automatically store video data on an IP camera SD card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.

DMSS

The DMSS app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access NVR devices,view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

Onvif

Technical Specification

System

Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX

Audio and Video

IP Camera Input	4/8 Channel
Two-way Talk	N/A

Display

Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Decoding Capacity	2ch@1080P 30fps
Multi-screen Display	4CH:1/4
	8CH:1/4/8/9
OSD	Camera title, Time, Camera lock, Motion detection, Recording

Recording

Compression	H.265/H.264
Resolution	3MP(2048*1536)/1080P/720P/D1&etc.
Record Rate	48Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule(Regular(Continuous), MD, Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Video Push, Snapshot, and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), and Tampering
Alarm input	N/A
Relay Output	N/A

Playback and Backup

Sync Playback	1/4
Search Mode	Time /Date, MD and Exact Search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Third-party Support

Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more

Network

Interface	1 RJ-45 port (10/100Mbps)
Ethernet Port	1 Independent 100Mbps Ethernet Port
PoE	N/A
Network Function	HTTP/HTTPS, TCP/IP, IPv4/IPv6, RTSP, UDP, NTP, DHCP, DNS, IP Filter, IP Search(Support Dahua IP camera, DVR, NVS and etc.), P2P
Optical Fiber Interface	N/A
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI Conformant

Storage

Internal HDD	1 SATA III Port, up to 6TB capacity for each HDD
HDD Mode	Single
eSATA	N/A

Auxiliary Interface

USB	2 ports (1 Rear USB2.0, 1 Front USB2.0)
RS232	N/A
RS485	N/A

Electrical

Power Supply	Single, DC12V/2A
Power Consumption	<4W (without HDD)

Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

Construction

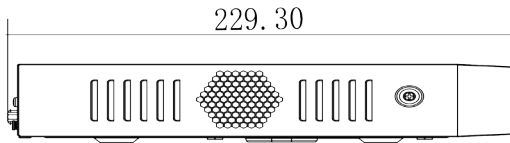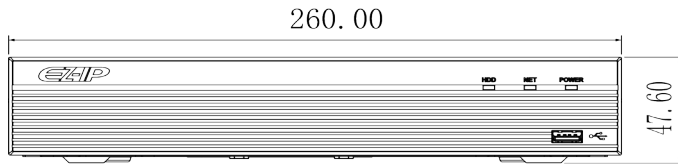|	
Dimensions(W×D×H)	Compact 1U, 260mm×229.3mm×47.6mm (10.2" x 9.03" x 1.9")
Net Weight	0.8kg (1.76 lb) (without HDD)
Gross Weight	1.6kg(3.53 lb)(without HDD)

Certifications

CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014

Ordering Information

Type	Part Number	Description
4 Channel NVR	NVR1B04HS/L	4 Channel Compact 1U H.265 Network Video Recorder
8 Channel NVR	NVR1B08HS/L	8 Channel Compact 1U H.265 Network Video Recorder
Accessories	N/A	N/A

Rear Panel

Dimensions (mm)