

# EAGLE-5MP-4BB

4 Channel Penta-brid 1080P Compact 1U Digital Video Recorder



- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 6 channels IP camera inputs, each channel up to 6MP; Max 24Mbps incoming bandwidth
- Smart Search and Intelligent Video System

## System Overview

With the surveillance operators pursuing to HD/UHD which further adds the storage and transmission cost, HDCVI H.265+/H.265 has been released to incredibly decrease the required bitrate while ensuring the video quality in realizing high resolution surveillance such as 4MP/4K.

The Lite Series is designed for high cost performance and quality. The range offers a great solution for users facing budget constraints who both require quality and performance. And with the adoption of Smart H.265+/H.265, the series improves encoding efficiency, saving on bandwidth/storage costs, and significantly reducing the Total Cost of Ownership (TCO).

## Functions

### Smart H.265+

Smart Codec, H.265+ can reduce up to 90% bit rate and storage requirements compared with H.264 without having to invest in new cameras.

### HDCVI/AHD/TVI/CVBS Auto-detect

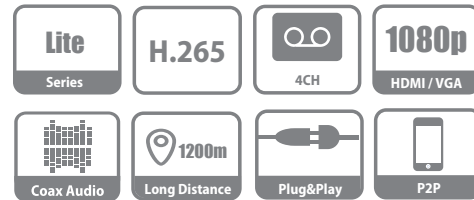
The XVR can auto recognize the signal of front-camera without any setting. It makes operation more friendly and convenient.

### High Definition Camera Input

The XVR supports up to 5MP HDCVI camera and 6MP IP camera input.

### Coaxial Audio/Upgrade/Alarm

The integrated design can reduce wiring troubles which makes it much more cost-effective and convenient for installation.



### POS Functionality

This function includes POS ticket information overlay and search which can be widely used in retail programs.

### Long Distance Transmission

The HDCVI system supports long distance transmission over coaxial cable and UTP, max. 700m for 4K/4MP, 800m for 1080P and 1200m for 720P.

### Intelligent Video System (IVS)

With built-in intelligent video analytics, the XVR has the ability to detect and analyze moving objects for improved video surveillance. The XVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed.

### Face Detection

It is a typical technology being used in a variety of applications for searching or identification of individuals.

### Smart Search

This function helps you get more motion detect video during a short time through drawing a region when playback. It is very useful when an emergency occurs.

## Technical Specification

### System

Main Processor Embedded Processor

Operating System Embedded LINUX

### Video and Audio

Analog Camera Input 4 Channel, BNC

HDCVI Camera 5MP, 4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps

AHD Camera 5MP, 4MP, 1080P@25/30, 720P@25/30fps

TVI Camera 5MP, 4MP, 1080P@25/30, 720P@25/30fps

CVBS Camera PAL/NTSC

IP Camera Input 4+2 Channel, each channel up to 6MP

Audio In/Out 1/1, RCA

Two-way Talk Reuse audio in/out, RCA

### Recording

Compression H.265+/H.265/H.264+/H.264

Resolution 5M-N, 4M-N, 1080P, 1080N, 720P, 960H, D1, CIF

Record Rate Main stream: 5M-N(1~10fps), 4M-N/1080P(1~15fps), 1080N/720P/960H/D1/CIF (1~25/30fps)  
Sub stream: D1/CIF(1~15fps)

Bit Rate 32Kbps ~ 6144Kbps Per Channel

Record Mode Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop

Record Interval 1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Audio Compression AAC(only for the 1st channel), G.711A, G.711U, PCM

Audio Sample Rate 8KHz, 16 bit Per Channel

Audio Bit Rate 64Kbps Per Channel

### Display

Interface 1 HDMI ,1 VGA

Resolution 1920x1080, 1280x1024, 1280x720

Multi-screen Display When IP extension mode not enabled: 1/4  
When IP extension mode enabled: 1/4/6

OSD Camera title, Time, Video loss, Camera lock, Motion detection, Recording

### Network

Interface 1 RJ-45 Port (100M)

Network Function HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, SNMP, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search (Supports Dahua IP camera, DVR, NVS, etc.)

Max. User Access 128 users

Smart Phone iPhone, iPad, Android

Interoperability ONVIF 16.12, CGI Conformant

### Video Detection and Alarm

Trigger Events Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips

Video Detection Motion Detection, MD Zones: 396 (22 x 18), Video Loss, Tampering and Diagnosis

Alarm input N/A

Relay Output N/A

### Playback and Backup

Playback 1/4

Search Mode Time /Date, Alarm, 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, Repeat, Shuffle, Backup Selection, Digital Zoom

Backup Mode USB Device/Network

### Storage

Internal HDD 1 SATA Port, up to 6TB capacity

eSATA N/A

### Auxiliary Interface

USB 2 USB 2.0

RS232 N/A

RS485 1 Port, for PTZ Control

### Electrical

Power Supply DC12V/1.5A

Power Consumption (without HDD) <10W

### Construction

Dimensions Compact 1U, 260x236x48mm(10.2"x9.3"x1.9")

Device with PFH101 Rack Mount Tray 483mmx281mmx56mm (19.0"x11.1"x2.2")

Net Weight (without HDD) 0.9kg (2.0 lb)

Gross Weight 1.6kg (3.5 lb)

Installation Desktop installation

### Environmental

Operating Conditions -10°C ~ +45°C (+14°F ~ +113°F), up to 55°C/131°F with case fan, 10~ 90% RH

Storage Conditions -20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH

### Third-party Support

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

### Certifications

FCC: Part 15 Subpart B

Certifications CE: CE-LVD: EN 60950-1/IEC 60950-1  
CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024

## Dimensions (mm)

