



# AIB-800

8채널 AI 박스



## Key Features

- 최대 8CH 입력 지원
- AI 엔진(WiseAI)을 기반으로 한 분석 이벤트
  - 움직임 감지
  - 객체 감지 (사람/차량)
  - IVA (가상선/영역, 진입/퇴장, 배회, 방향, 침입)
- BestShot 및 전체 속성 지원
- 동적 프라이버시 마스킹 지원
- AI 엔진을 기반으로 한 비즈니스 인텔리전스
  - 사람/차량 수 계산, 대기열 관리, 히트맵
- 랙 마운트 설치
- 타사 VMS와의 연동을 위한 SDK/API 지원
- WAVE, Genetec, Milestone 통합

# AIB-800

8채널 AI 박스



## Specifications

| Display                 |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network                 | Inputs              | Max. 8CH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                         | Resolution          | CIF ~ 32MP, Recommended Configuration: 8CH @ Full HD, 10fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                         | Protocols           | SUNAPI, ONVIF, [Certified Interoperability] - Hanwha non-AI network cameras (SUNAPI) - Hanwha Encoders (SUNAPI) [Limited] - 3rd party non-AI IP cameras (ONVIF/RTSP), compatibility is not 100% guaranteed. [Unsupported] - Any NVR/DVR - 3rd party Encoders                                                                                                                                                                                                                                                                                                                       |
| Intelligent Analysis    |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| AI function             | Pre-Installed Event | 분류 가능한 객체 :사람,얼굴,차량,번호판,<br>Attributes :사람(상/하의 색상,성별,가방),차량(타입(car,bus,truck,motorcycle,bicycle),색상),<br>얼굴(연령,성별,마스크,안경),Support Bestshot,<br>Analytics events based on AI engine: Motion Detection*,Object detection,Virtual line*<br>(Crossing/Direction),Virtual area* (Loitering/Intrusion/Enter/Exit),* Some of the video<br>analytics only works with people/vehicle detection,<br>Analytics events : Virtual area(Appear/Disappear),<br>Business Intelligence (Based on AI engine) : People counting,Vehicle counting,Queue<br>management,Heatmap,Dynamic privacy masking |
| Network                 |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protocol                |                     | TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client), SRTP, MQTT                                                                                                                                                                                                                                                                                                                                                                                           |
| DDNS                    |                     | Hanwha DDNS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Max Manipulated Streams |                     | 80 Streams (10 Streams per 1CH)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| IP Version              |                     | IPv4/v6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Security                |                     | IP address filtering, User access Log, 802.1x, Encryption, Device certificate(Hanwha Vision Root CA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Language                |                     | English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Czech, Portuguese, Hungarian, Greek, Korean, Chinese, Japanese                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OS                      |                     | Windows 11/10, macOS 10.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Web Browser             |                     | Google Chrome, Microsoft Edge, Mac Safari                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Viewer Software         | Type                | WebViewer, WAVE, SSM, Genetec, Milestone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                         | CMS Support         | Support SDK/CGI(SUNAPI) for interworking with 3rd party VMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Functions               |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Camera Setup            | Register            | Auto, Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                         | Setup Items         | Camera Webpage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Indicator/Interface              |            |                                                                                                                                |
|----------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------|
| Front                            | Indicator  | LED(Status indicator) : Alarm(1), Power(1), Network(1)                                                                         |
|                                  | Ethernet   | RJ-45 1ea (1Gbps)                                                                                                              |
|                                  | Alarm      | (1) In(8EA, Terminal Block), (2) Alarm Reset(1EA), (3) Out(4EA, Terminal Block) - Relay Out1(NO/NC/COM) - Relay Out2~4(NO/COM) |
|                                  | USB        | 1EA(Rear 1 x USB 3.0) for DEBUG                                                                                                |
|                                  | Serial     | Not Supported (internal Debug)                                                                                                 |
|                                  | Reset      | Factory Reset                                                                                                                  |
|                                  | Power Cord | DIN 4P 12V, 4A                                                                                                                 |
| System                           |            |                                                                                                                                |
| Log                              | Log List   | Max. 3,000 (System 1,000, Access 1,000, EVENT 1,000)                                                                           |
| CPU                              |            | NVIDIA ORIN NX 8GB (SOM)                                                                                                       |
| Environmental                    |            |                                                                                                                                |
| Operating Temperature / Humidity |            | +0°C to +40°C(+32°F to +104°F)                                                                                                 |
| Humidity                         |            | 20% ~ 85% RH                                                                                                                   |
| Electrical                       |            |                                                                                                                                |
| Power                            |            | 100~240 VAC ± 10%; 50/60Hz, 12V, 4A Adaptor                                                                                    |
| Power Consumption                |            | 28W                                                                                                                            |
| Mechanical                       |            |                                                                                                                                |
| Color / Material                 |            | Black / Metal                                                                                                                  |
| Dimension (WxHxD)                |            | 300x47.6x240.9mm(11.81x1.87x9.48inch)                                                                                          |
| Weight                           |            | 1.39kg                                                                                                                         |

AIB-800  
8채널 AI 박스



CAD

Unit: mm [inch]

