



# AIB-800A

## 8CH AI Box

### Key Features

- Max up to 8CH inputs
- Analytics events based on AI engine (WiseAI) - Motion detection - Object detection (Person/Face/Vehicle/License plate) - IVA (Virtual line/Area, Enter/Exit, Loitering, Direction, Intrusion)
- Support BestShot and full attributes
- Support Dynamic Privacy Masking
- Business intelligence based on AI engine - People/Vehicle counting, Queue management, Heatmap
- Rack mount installation
- Support SDK/API for interworking with 3rd party VMS
- WAVE, Genetec, Milestone integration

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## Specifications

### Display

|      |             |                                                                                                                                                                                                                                               |
|------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rete | Ingressi    | Max. 8CH                                                                                                                                                                                                                                      |
|      | Risoluzione | CIF ~ 32MP, Recommended Configuration: 8CH @ Full HD, 10fps                                                                                                                                                                                   |
|      | Protocolli  | [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 |

### Analisi intelligente

|             |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Funzione IA | Evento preinstallato | Classified object type : Person/Vehicle,<br>Attributes : Person(Upper/Lower clothes color,Gender,Bag),Vehicle(Type(car,bus,truck,motorcycle,bicycle),Color),Face(Age,Gender,Face mask,Glasses),Support Bestshot,<br>Analytics events based on AI engine: Motion Detection*,Object detection,Virtual line* (Crossing/Direction),Virtual area* (Loitering/Intrusion/Enter/Exit),* Some of the video 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 management,Heatmap,Dynamic privacy masking |
|-------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Rete

|                                     |                                                                                                                                                                                          |                                                             |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Protocollo                          | 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                                                                                                                                                                              |                                                             |
| Numero massimo di flussi manipolati | 80 Streams (10 Streams per 1CH)                                                                                                                                                          |                                                             |
| Versione IP                         | IPv4/v6                                                                                                                                                                                  |                                                             |
| Sicurezza                           | IP address filtering, User access Log, 802.1x, Encryption, Device certificate(Hanwha Vision Root CA)                                                                                     |                                                             |
| Lingua                              | English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Czech, Portuguese, Hungarian, Greek, Korean, Chinese, Japanese                                               |                                                             |
| Sistema operativo                   | Windows 11/10, macOS 10.13                                                                                                                                                               |                                                             |
| Browser web                         | Google Chrome, Microsoft Edge, Mac Safari                                                                                                                                                |                                                             |
| Software di visualizzazione         | Tipo                                                                                                                                                                                     | WebViewer, WAVE, SSM, Genetec, Milestone                    |
|                                     | Supporta CMS                                                                                                                                                                             | Support SDK/CGI(SUNAPI) for interworking with 3rd party VMS |

### Funzioni

|                           |                            |                |
|---------------------------|----------------------------|----------------|
| Configurazione telecamera | Registro                   | Auto, Manual   |
|                           | Elementi di configurazione | Camera Webpage |

**Indicatore/Interfaccia**

|                  |                       |                                                                                                                                |
|------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Anteriore</b> | Indicatore            | LED(Status indicator) : Alarm(1), Power(1), Network(1)                                                                         |
|                  | Ethernet              | RJ-45 1ea (1Gbps)                                                                                                              |
|                  | Allarme               | (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                                                                                                |
|                  | Seriale               | Not Supported (internal Debug)                                                                                                 |
|                  | Reset                 | Factory Reset                                                                                                                  |
|                  | Cavo di alimentazione | DIN 4P 12V, 4A                                                                                                                 |

**Sistema**

|                 |                 |                                                      |
|-----------------|-----------------|------------------------------------------------------|
| <b>Registro</b> | Elenco registro | Max. 3,000 (System 1,000, Access 1,000, EVENT 1,000) |
| <b>CPU</b>      |                 | NVIDIA ORIN NX 8GB (SOM)                             |

**Ambientale**

|                                           |                                |
|-------------------------------------------|--------------------------------|
| <b>Temperatura / Umidità di esercizio</b> | +0°C to +40°C(+32°F to +104°F) |
| <b>Umidità</b>                            | 20% ~ 85% RH                   |

**Elettrico**

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| <b>Alimentazione</b>      | 100~240 VAC $\pm$ 10%; 50/60Hz, 12V, 4A Adaptor |
| <b>Consumo energetico</b> | 28W                                             |

**Meccanico**

|                           |                                       |
|---------------------------|---------------------------------------|
| <b>Colore / Materiale</b> | Black / Metal                         |
| <b>Dimensioni (LxAxP)</b> | 300x47.6x240.9mm(11.81x1.87x9.48inch) |
| <b>Peso</b>               | 1.39kg                                |

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CAD

Unit: mm [inch]

