



# 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

| Displej                                |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Síť                                    | Vstupy                  | Max. 8CH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                        | Rozlišení               | CIF ~ 32MP, Recommended Configuration: 8CH @ Full HD, 10fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                        | Protokoly               | [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                                                                                                                                                                                                                                                                                                                                                                                                 |
| Inteligentní analýza                   |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Funkce AI                              | Předinstalovaná událost | 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 |
| Síť                                    |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protokol                               |                         | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Maximální počet manipulovaných streamů |                         | 80 Streams (10 Streams per 1CH)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Verze IP                               |                         | IPv4/v6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Zabezpečení                            |                         | IP address filtering, User access Log, 802.1x, Encryption, Device certificate(Hanwha Vision Root CA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Jazyk                                  |                         | English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Czech, Portuguese, Hungarian, Greek, Korean, Chinese, Japanese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OS                                     |                         | Windows 11/10, macOS 10.13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Webový prohlížeč                       |                         | Google Chrome, Microsoft Edge, Mac Safari                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Prohlížeč                              | Typ                     | WebViewer, WAVE, SSM, Genetec, Milestone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                        | Podpora CMS             | Support SDK/CGI(SUNAPI) for interworking with 3rd party VMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Funkce                                 |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Nastavení kamery                       | Zaregistrovat           | Auto, Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                        | Položky nastavení       | Camera Webpage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

**Indikátor/Rozhraní**

|               |                |                                                                                                                                |
|---------------|----------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Přední</b> | Ukazatel       | 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                                                                                                |
|               | Sériové        | Not Supported (internal Debug)                                                                                                 |
|               | Reset          | Factory Reset                                                                                                                  |
|               | Napájecí kabel | DIN 4P 12V, 4A                                                                                                                 |

**System**

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

**Parametry prostředí**

|                                   |                                |
|-----------------------------------|--------------------------------|
| <b>Provozní teplota / vlhkost</b> | +0°C to +40°C(+32°F to +104°F) |
| <b>Vlhkost</b>                    | 20% ~ 85% RH                   |

**Elektrotechnické parametry**

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

**Mechanické parametry**

|                         |                                       |
|-------------------------|---------------------------------------|
| <b>Barva / Materiál</b> | Black / Metal                         |
| <b>Rozměry (ŠxVxH)</b>  | 300x47.6x240.9mm(11.81x1.87x9.48inch) |
| <b>Hmotnost</b>         | 1.39kg                                |

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CAD

Unit: mm [inch]

