



# AIB-800A

8CH AI Box



## Key Features

- Max up to 8CH inputs
- AI functions
  - Classified object type: Person/Vehicle
  - Attributes: Person (age, gender, color etc.), Vehicle (car/bus/truck/motorcycle/bicycle)

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## Specifications

Display		
Network	Inputs	Max. 8CH
	Resolution	CIF ~ 32MP, Recommended Configuration: 8CH @ Full HD, 10fps
	Protocols	[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	Classified object type : Person,Face. Vehicle,License plate. Attributes : Person(Upper/Lower clothes color,Gender,Bag),Vehicle(Type(car,bus,truck,motorcycle,bicycle),Color),Face(Age,Gender,Face mask,Glasses),Support Bestshot, 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, Analytics events : Virtual area(Appear/Disappear), Business Intelligence (Based on AI engine) : People counting,Vehicle counting,Queue 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

<b>Front</b>	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

<b>Log</b>	Log List	Max. 3,000 (System 1,000, Access 1,000, EVENT 1,000)
<b>CPU</b>		NVIDIA ORIN NX 8GB (SOM)

## Environmental

<b>Operating Temperature / Humidity</b>		+0°C to +40°C(+32°F to +104°F)
<b>Humidity</b>		20% ~ 85% RH

## Electrical

<b>Power</b>		100~240 VAC $\pm$ 10%; 50/60Hz, 12V, 4A Adaptor
<b>Power Consumption</b>		28W

## Mechanical

<b>Color / Material</b>		Black / Metal
<b>Dimension (WxHxD)</b>		300x47.6x240.9mm(11.81x1.87x9.48inch)
<b>Weight</b>		1.39kg


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## CAD

Unit: mm [inch]

3	MODEL 2	
2	MODEL 1	
1	BASIC MODEL	25.10.25
No.	AIB-800A	DATE
Unit: mm [inch]		SCALE: 1/2
 Hanwha Vision		

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