



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

AIB-800A

8CH AI Box



Specifications

Display

Network	Inputs	Max. 8CH
	Resolution	CIF ~ 32MP
	Protocols	SUNAPI, ONVIF

Intelligent Analysis

AI function	Pre-Installed Event	Classified object type : Person/Vehicle, Attributes : Vehicle (Type:car/bus/truck/motorcycle/bicycle),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
-------------	---------------------	--

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	
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

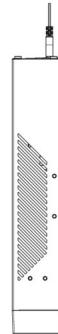
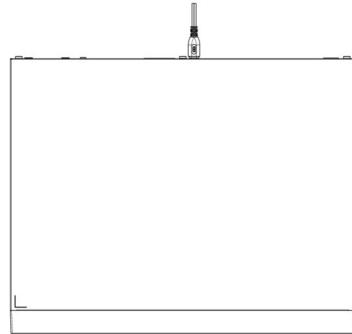
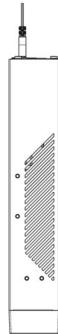
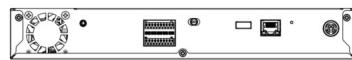
Mechanical

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

AIB-800A

AIB-800A

8CH AI Box

**CAD****Unit:** mm [inch]

3	MODEL2	
2	MODEL1	
1	BASIC MODEL	25.10.25
No.	AIB-800A	DATE
Unit:mm [inch]	SCALE:1/2	 Hanwha Vision

©Hanwha Vision Co.,Ltd. All rights reserved.

A2