



# AIB-800

8CH AI Box



## Key Features

- Max up to 8CH inputs
- AI functions
  - Classified object type: Person/Vehicle
  - Attributes: Person (Type: age, gender, color etc.), 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
- Viewer Software: Web viewer, WAVE, SSM, Genetec, Milestone
- Support SDK/CGI(SUNAPI) for interworking with 3rd party VMS

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## Specifications

Display		
Network	Inputs	Max. 8CH
	Resolution	CIF ~ 32MP
	Protocols	SUNAPI, ONVIF
Intelligent Analysis		
AI function	Pre-Installed Event	<p>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)</p> <p>Business Intelligence :            - Based on AI engine: People counting, Vehicle counting,            Queuemanagement, Heatmap</p>
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 Techwin 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 3'rd party VMS
Functions		
Camera Setup	Register	Auto, Manual
	Setup Items	Camera Webpage
Indicator/Interface		

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com).

Hanwha Vision is formerly known as Hanwha Techwin.

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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%; 50/60 Hz, 12V, 4A Adaptor	
Power Consumption	28W	

Mechanical		
Color / Material	Black / Metal	
Dimension (WxHxD)	300 x 47.6 x 240.9 mm (11.81 x 1.87 x 9.48 inch)	
Weight	1.39kg	

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CAD

Unit:mm [inch]

