

Key features

- Over 50+ intuitive AI apps capable(On-premises).
- Multi AI Algorithms running at single channel
- Advanced human behavior analysis
- Support up to 4 camera channels
- Wide temperature range under fanless design: -22°F (-30°C) ~ 158°F (70°C)
- Supports various protocols and VMS
- P2P based mobile alarm viewer
- Internal recording with M.2 NVMe SSD (optional)
- Cloud based dashboard (optional)
- Hybrid AI boost mode support
- NDAA Compliant



Specification

Items		AIB-TE1-04 4-channel
AI Applications	Pre-installed Package	*Basic AI application package - Dynamic Privacy Mask - Dynamic Face Masking - LP Masking - Basic Attributes(Color of Clothes) - Queue Management - Basic Heatmap - Intrusion Detection - Loitering Detection - People Counting - Vehicle Counting - Zone Counting - Multi Zone Counting - Virtual Fence - Stopping - Stay & Go - Enter/Exit Detection - Speed Anomaly Detection - Occupancy Counting - Occupancy Car Counting
	Optional: Individual licenses - Per channel, per app	LPR-US, LPR-Europe, LPR-JP, LPR-KR, Advanced Heatmap, No PPE, Illegal Dumping, Aggressive Detection, PTZ Tracking, Human Prolonged Stay, Staff Exclusion People Counting, Forklift No Helmet, Forklift Detection, Forklift Non-Driver Detection, Reverse Movement Detection, Vehicle Zone Presence, Road Pedestrian Detection, Work Vehicle Hazard Detection, Bullying Detection, Vehicle Queue Management and Hybrid AI Boost apps
Event Action	System Events	Tamper Detection, Alarm In, Virtual Alarm In, Video Loss / Recovery, Disarm, Recurrence, Login, System Start
	Action Handlers	HTTP, TCP, FTP, E-mail, S3, VMS, Onvif, Audio Back Channel (Camera speaker)
	Combining Rules with Other Events	Yes
	Pre/Post snapshot	Yes
Video	Annotated Video Stream	Yes
	Max. Video Input resolution	4K @ 30 fps (2M @ 120 fps)
	Video Input Method	RTSP, RTSP over HTTP/S, Onvif
	Supported Input Video Format	H.265 / H.264
Audio	Video Output Stream Method	RTSP over TCP/UDP, RTSP over Websocket, RTSP over HTTP/S
	Audio Input	1 x Audio Line-In, (10KOhm, 1Vrms), (3.5mm audio phone jack)
	Audio Output	1 x Audio Line-Out, (600Ohm, 1Vrms), (3.5mm audio phone jack)
	USB	1 x USB2.0
Interface	RS-485	-
	RS-232	-
	Wiegand	-
	CAN BUS	-
Alarm I/O	LAN	2 x RJ-45 10/100 BASE-T Ethernet (LAN1/LAN2)
	Alarm Input	4CH, DI(0-30V Input), Pulled up to 5V via 10KOhm
	Relay Output	1CH, Dry contact Relay(30VDC/250VAC), NO/COM/NC (Terminal Block)
Storage	INTERNAL SD	1 x Internal SD Card Slot
	NVMe SSD	1 x M.2 M-Key Slot (for M.2 2280 NVMe SSD) / Recording license 8-ch(OPTION)
ETC	Watchdog	Yes
	RTC	Yes
	Cooling Fan System	Fanless Design
	Factory Reset button	Yes
POWER	LED Indicators	1 x PWR LED (3 Color) 1 x Status LED (3 Color)
	Power Supply	12V/3.3A adaptor
Environment	Power Consumption	DC +9-36V (DC Input Voltage) 6.7 Watts(Without NVMe SSD)
	Temperature/Humidity	-30°C ~ 70°C / 10 ~ 90% NC(Without NVMe SSD) -15°C ~ 50°C / 10 ~ 90% NC (With commercial NVMe SSD)
Chassis	Dimension(WxDxH)	94 x 153 x 28 mm
Mounting	Weight(Net/Gross,KG)	0.45/1.05
Certification	-	Desk, Wall CE, UKCA, FCC, KC(Plan)

Technical drawing of the H1000 device, showing front, top, and side views with dimensions and port labels.

Front View:

- Top panel (from top to bottom):
 - DC IN 9V-36V (circular port)
 - LAN 2 (RJ45 port)
 - LAN 1 (RJ45 port)
 - SENSOR RELAY (12-pin header)
- Bottom panel (from left to right):
 - POWER (circular port)
 - STATUS (circular port)
 - AUDIO LINE IN (circular port)
 - AUDIO LINE OUT (circular port)
 - MICRO SD (slot)
 - USB (slot)

Top View:

- Dimensions: 153.0 (width), 94.0 (inner width), 104.0 (outer width), 75.0 (height of top section).
- Mounting holes: 4- $\phi 4.2$ HOLE.

Side View:

- Dimensions: 28.0 (thickness).