R-AIB08-R PLUS

ERBU AI bridge 8(16)- Channels

NDAA Compliant

Dimensions mm (inch)
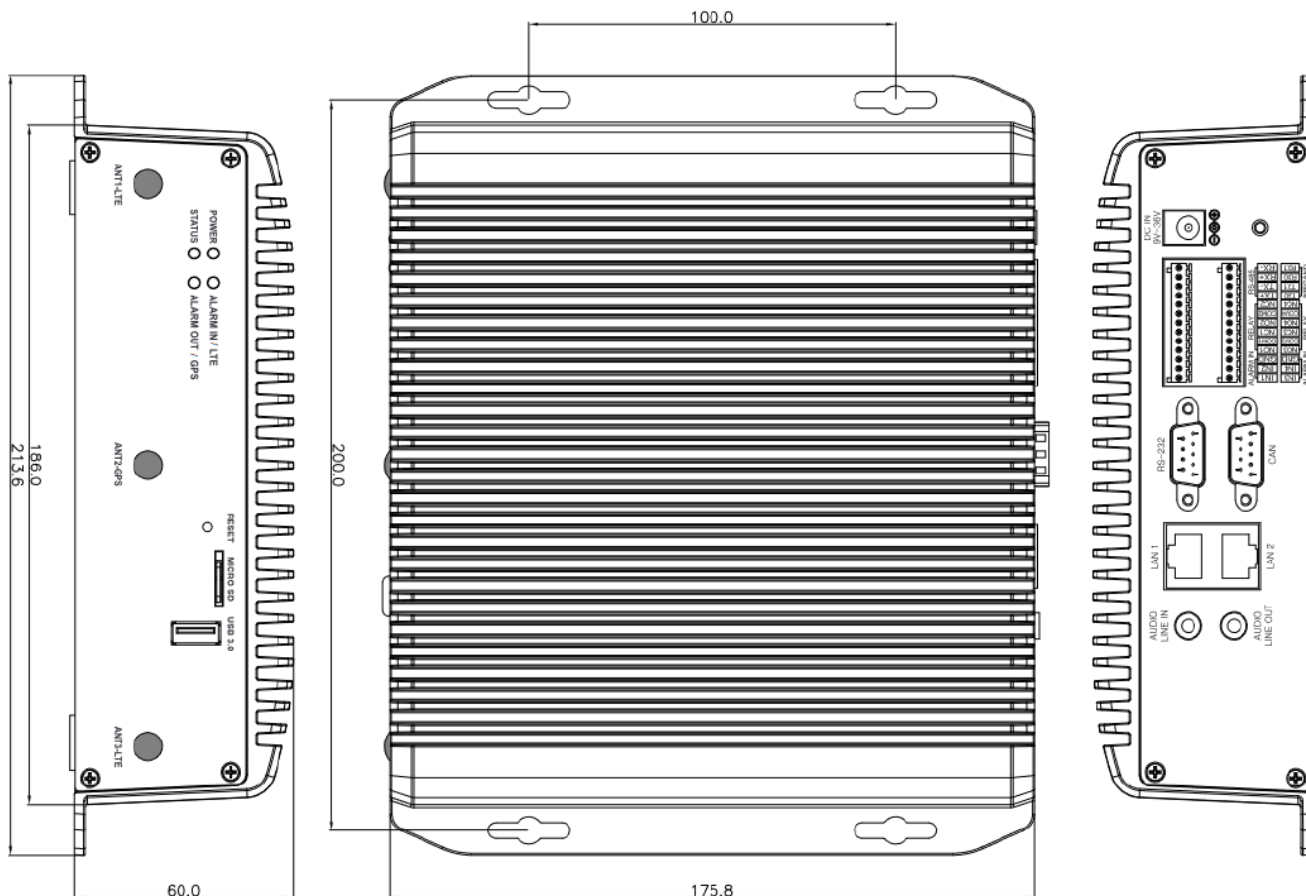
Technical Specification

Model name		R-AIB08-R PLUS	
		8-channel	**16-channel (Extension) mode**
AI Applications	Pre-installed Package	▪ Dynamic Privacy Mask ▪ Basic Attributes (Color of Clothes) ▪ Queue Management ▪ Basic Heatmap ▪ Intrusion Detection ▪ Loitering Person ▪ People Counting ▪ Vehicle Counting ▪ Zone Counting ▪ Multi Zone Counting ▪ Virtual Fence ▪ Stopping-Stay & Go (Enter & Exit) ▪ Occupancy Counting ▪ Occupancy Car Counting ▪ Combined Counter Trigger (Counting Apps include this app)	▪ Intrusion Detection ▪ Loitering Person ▪ People Counting ▪ Vehicle Counting ▪ Zone Counting ▪ Multi Zone Counting ▪ Virtual Fence ▪ Stopping Detection ▪ Stay & Go ▪ Occupancy Counting ▪ Occupancy Car Counting ▪ Combined Counter Trigger (Counting Apps include this app) ▪ Thermal Intrusion Detection
	Optional: Extra licenses	▪ Crowd Detection ▪ Advanced Visitor Analysis ▪ Hand & Foot Intrusion ▪ Intentional Body Gazy Detector ▪ Imminent Threat ▪ Fallen Person Detection ▪ Animal Detection ▪ Fire & Smoke Detection ▪ Vehicle Type Counting ▪ Vehicle Type Detection ▪ Thermal Intrusion Detection ▪ Fisheye Camera Support ▪ Advanced Attributes ▪ License Plate Recognition ▪ Advanced Heat Map ▪ Safety Helmet/Safety Jacket Detection ▪ Illegal (Waste) Dumping ▪ Aggression Detection ▪ Human Prolonged Stay ▪ Staff Exclusion People Counting ▪ Forklift - No Helmet Detection ▪ Forklift Detection ▪ Bullying Detection	NA
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	
	Annotated Video Stream	Yes	
Video	Max. Video Input resolution	4K @ 60 fps (2M @ 240 fps)	2M @ 240 fps
	Video Input Method	RTSP, RTSP over HTTP/S, Onvif	
	Supported Input Video Format	H.265 / H.264	
	Video Output Stream Method	RTSP over TCP/UDP, RTSP over Websocket, RTSP over HTTP/S (TBD)	
Audio	Audio Input	1 x Audio Line-In (3.5mm audio phone jack)	
	Audio Output	1 x Audio Line-Out (3.5mm audio phone jack)	
Interface	USB	1 x USB3.0	
	RS-485	1 x RS-485 (Full-duplex 4line T/B)	
	RS-232	1 x RS-232 (D-SUB9)	
	Wiegand	1ch input / 1ch output	
	LAN	2 x 10/100/1000 BASE-T Ethernet (ETH1/ETH2)	
	mini PCIe Slot (LTE, GPS Module)	1x Mini-PCIe (for LTE-cat4 / GPS(GNSS) Modem module)	
	SIM Slot	1x micro-SIM Slot	
	ANTENNA	2x 50Ω SMA Female for Main Antennas (OPTION)	
		1x 50Ω SMA Female for GPS(GNSS) Antenna (OPTION)	
Alarm I/O	Alarm Input	4CH DI (0-30V Input)	
	Relay Output	4CH Relay (Up to 3A and 30VDC/250VAC output) NO/COM/NC (Terminal Block)	

Technical Specification

Storage	INTERNAL SD	1 x Internal SD Card Slot
	NVMe SSD	1 x M.2 M-Key Slot (for M.2 2280 NVMe SSD)
ETC	Watchdog	Yes
	RTC	Yes
	Cooling Fan	-
	Factory Reset button	Yes
	LED Indicators	1 x PWR LED (3 Color) 1 x Status LED (3 Color) 1 x ALARM IN LED (3 Color) 1 x ALARM OUT (3 Color)
POWER	Power Supply	12V/3.3A adaptor DC +9V ~ +36V (DC Input Voltage)
	Power Consumption	16 Watts
Environment	Temperature / Humidity	-30ºC ~ 70ºC / 10 ~ 90% NC (Without NVMe SSD) -15ºC ~ 55ºC / 10 ~ 90% NC (With commercial NVMe SSD)
Chassis	Dimension (WxDxH)	213.6 x 175.8 x 60 mm
	Weight (Net/Gross,KG)	1.5/2.2
Mounting		Desk, Wall
Certification		CE, FCC, KC, UKCA