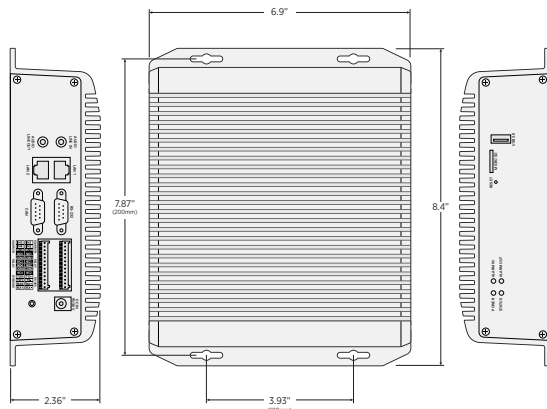# clintonelectronics

CE-AIH08
Video Analytics AI Hub

Key Features:

· Seamlessly integrate analytics into existing IP and Analog camera systems via ONVIF or RTSP streams
· Pre-installed AI analytic apps with an intuitive interface
· Mitigate false alarms using advanced methods such as object size filtering, exclusion areas, and AI app event rules
· Accurate event detection through scene understanding
· Run multiple AI apps simultaneously on each video channel for enhanced functionality
· Seamlessly integrate events with VMS platforms and other systems using HTTP, TCP, ONVIF, and more
· Support a wide range of camera resolutions from 640x360 to 3840x2160
· Web-based configuration for easy setup and management
· Supports up to 16 channels
· Texas Instruments TDA4VM Processor
· NDAA & TAA Compliant

Dimensions:

AI APPLICATIONS	
16ch Mode Pre-Installed AI Apps	Intrusion Detection Loitering Detection People Counting Vehicle Counting Zone Counting Multi Zone Counting Virtual Fence Stopping Detection Occupancy Car Counting Occupancy Counting
8ch Mode (plus 16ch apps) Pre-Installed AI Apps	Dynamic Privacy Masking Basic Attribute (color of clothes) Queue Management Heatmap Crowd Detection Advanced Visitor Analysis (Gender) Fallen Person Detection Fire & Smoke Detection Vehicle Type Counting Vehicle Type Detection Fisheye Video Support Advanced Attribute
Single Channel (8ch or 16ch) Pre-Installed AI Apps	LPR-US, Europe, JP, KR Illegal Dumping

EVENT ACTION	
System Events	Alarm In, Virtual Alarm In, Video Loss / Recovery, Disarm, Recurrence, Login, System Start
VMS Integrations	NX, Cortrol, Milestone, Immix, Genetec, Avigilon
Action Handlers	HTTP, TCP, FTP, E-mail, AWS S3, VMS, ONVIF, Camera speaker
Combining Rules w/ Other Events	Yes
Pre/Post snapshot	Yes
Annotated Video Stream	Yes

VIDEO	
Video Input Method	RTSP, RTSP over HTTP/S, ONVIF
Max. Video Input resolution	8ch Mode — 4K @ 60 fps (1080p @ 240 fps) 16ch Mode — 1080p @ 240 fps
Input Video Format	h.264 / h.265
Video Output Stream	RTSP over TCP/UDP, RTSP over Websocket, RTSP over HTTP/S

AUDIO	
Audio Input	1 x Audio Line-In (3.5mm jack) *in development, TBA
Audio Input	1 x Audio Line-In (3.5mm jack) *in development, TBA

INTERFACE	
USB	1 x USB 3.0
SD	1 x MicroSD
RS-485	1 x RS-485 (Full-duplex 4line T/B) *in development, TBD
RS-232	1 x RS-232 (D-SUB9) *in development, TBD
Wiegand	1ch input / 1ch output *in development, TBD
LAN	2 x 10/100/1000 BASE-T Ethernet (ETH1/ETH2)

ALARM I/O	
Alarm Input	4ch DI (0-30V Input)
Alarm Output	4ch Relay (Up to 3A and 30VDC/250VAC output) NO/COM/NC (Terminal Block)

ETC	
Watchdog	Yes
RTC	Yes
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 LED (3 color)

GENERAL	
Power Requirement	DC 9-36V - Includes DC 12V 3A Power Supply
Power Consumption	1.3A / 16W (± 10%)
Operating Temperature	32°F - 122°F / 0°C - 50°C
Operating Humidity	10-90% RH (non-condensing)
Dimensions (L x W x H)	8.4" x 6.9" x 2.36" / 213.6mm x 175.8mm x 60mm
Weight	3.3 lbs / 1.5 kgs

Clinton reserves the right, without notification, to make changes in product design & specification.