



AI and Video Analytics



FEATURES

- Event rule combining - AI video analytics
- Simple AI setup with existing IP cameras
- Multi-level AI-based false alarm reduction
- High-performance pose estimation AI technology
- Smart scene detection
- Run multiple AI apps on each video channel
- Easy integration with other systems
- Web-based configuration
- Enhanced security options
- NDAA compliant



AI BOX V2.0



AI-Based

Intuitive AI video analytics



False Alarm Reduction

Multi-level AI-based



Multiple AI Apps

Running simultaneously on each channel



Accurate Event Detection

Using scene interpretation



8CH *16-channel (Extension) mode support

Pre-installed Package : Basic Licenses

- Intrusion Detection
- Loitering Detection
- People Counting
- Vehicle Counting
- Zone Counting
- Multi Zone Counting
- Virtual Fence
- Stay & Go
- Enter/Exit Detection
- Occupancy Counting
- Occupancy Car Counting
- Stopping
- Dynamic Privacy Mask*
- Dynamic Face Masking*
- LP Masking, Basic Attributes (Color of Clothes)*
- Basic Heat Map*
- Queue Management*
- Speed Anomaly Detection*

**Indicates App works on 8CH mode only*

Optional: Advanced licenses *8CH Mode Only

- Crowd Detection
- Advanced Visitor Analysis
- Hand & Foot Intrusion
- Intentional Body Gaze Detector
- Imminent Threat
- Fallen Person Detection
- Animal Detection
- Fire & Smoke Detection
- Vehicle Type Counting
- Vehicle Type Detection
- Thermal Intrusion Detection
- Fisheye Camera support
- Advanced Attribute

Optional: Extra licenses *8CH Mode Only

- LPR (US/Europe/JP/KR)
- Advanced Heatmap
- No PPE
- Illegal Dumping
- Aggressive Detection
- PTZ Tracking,
- Human Prolonged Stay
- Covered Face Detection
- 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
- No Mask
- Object Location Tracking
- Dust-Proof Clothing Detection

Optional: Hybrid AI Boost *8CH Mode Only

- Imminent Threat
- Out of Uniform
- CloseCam Covered Face
- Fire & Smoke Detection
- Aggressive Detection
- Animal Detection
- Bear Detection
- No Helmet
- Fallen Person Detection
- Under-Age Detection,
- Phone-Walking Detection
- Unsafe Lifting
- Spill Detection

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)
	VMS support	Ganz Control, NX, Milestone, Genetec, Avigilon, exacqVision, Eagle Eye Networks
	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) *16CH Mode : 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
Interface	USB	2 (1 x USB2.0, 1 x USB3.0)
	RS-485	1 *Terminal Block
	RS-232	-
	Wiegand	1 Input, 1 Output *Terminal Block
	LAN	10/100/1000Mbps x 2 *BASE-T Ethernet (ETH1/ETH2)
	Alarm I/O	4 Input (Pulled up to 5V via 10KOhm), 1 Relay out (24VDC 3A / 120VAC 3A) *Terminal Block
	Audio I/O	1 Input (10KOhm, 2.8Vpp), 1 Output (600Ohm, 2.8Vpp) *Terminal Block
	Micro SD Slot	1 (For Debugging Purpose)
Additional	Watchdog	Yes
	RTC	Yes
	Cooling Fan	-
	Factory Reset button	Yes
	LED Indicators	1 x PWR LED, 1 x Status LED
Power	Power Supply	12V/3.3A adaptor x 2 (Dual Input)
	Power Consumption	16 watts
Environment	Temperature/Humidity	14°F ~ 122°F / -10°C ~ 50°C / 10 ~ 90% NC
Chassis	Dimensions (W x D x H)	7.09" × 5.59" × 1.65" / 180mm x 142mm x 42mm
	Weight	3.31 lb / 1.5kg
Mounting	Desk, Wall Mount	5.06 in × 3.94 in / 128.6mm x 100mm
Certifications		CE, FCC, KC, UKCA