



SecureDetect

SecureAccess

SecureBarrier

SecureDetect

SecureLight

SecureView



Intelligent Video Encoder Series

The ioibox™ series from ioimage™ includes a range of intelligent video encoders that enhance standard security cameras and systems by infusing powerful video analytics that automate indoor and outdoor video surveillance, scenario detection, and alarm event responses.

Each ioibox™ is a DSP-based device with built-in self-sustained video analytics for powerful automated detection and autonomous tracking of intruders, suspicious baggage, stopped vehicles, removed items and more.

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FEATURES & BENEFITS

- Easy to install, sets up in minutes - intelligent video detection is configured using a web browser or optional control software
- Automatically adjusts for best detection at all times - no ongoing configuration required
- Fully-embedded stand-alone units - no PC required
- High probability of detection while maintaining a remarkably low false alarms rate
- Detects intruders under harsh weather conditions, low visibility and poor lighting
- Detects camouflaged intruders, extremely slow progression (as slow as 1 ft. per 5 minutes) and burst movements
- Superior non-flat detection sees objects in 3D-scale and at great distances for reliable detection
- Supports pre-alarm recording for capturing the moments before an alarm

APPLICATION

Intrusion Detection, Loitering, Unattended Baggage Detection, Stopped Vehicle Detection, Object Removal Detection and Autonomous PTZ Tracking

SPECIFICATIONS

Digital Video Outputs

- MPEG-4 SP at CIF and 4CIF resolutions with up to 30fps
- User defined image frame rate 1fps - 30 fps
- User defined bitrate (CBR)

Analog Video Outputs

- Standard - NTSC or PAL
- 1-8 physical connectors BNC 75 Ω
- Includes Graphical Overlay

Analog Video Inputs

- 1-8 physical connectors BNC 75 Ω Composite 1Vp-p
- Supports stationary and Pan-Tilt-Zoom cameras

Software

- Integrated Web Server
- Application Programming Interface (HTTP API)

Network

- Ethernet Port RJ45 10/100 with PoE
- Services and Protocols: TCP/IP, UDP/IP, HTTP, SMTP, DHCP, DNS, SNTP
- Video - RTP/RTSP
- Alarms and Commands - HTTP

Serial I/O

- RS-232/RS-485

Discrete I/O Interface

- IN - Dry Contacts
- OUT - Relay Out (rated load 0.3A@125VAC /1A@30VDC)

Environmental

- Ambient Operating Temperature: 0°C-50°C (32°F-122°F)
- Ambient Operating Humidity: Less Than 90% (Non-Condensing)

Certifications

- Safety - CE, TUV
- Electromagnetic Interference (EMC)
- FCC Part 15 subpart B, Class A, CE



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