



artivision technologies

IVX-1



> Features

- > 1 IP camera **OR** 1 analog video input
- > Real-time advance video analytics
- > Dual simultaneous encoding:
 - Encode alarms as collection of lossless MJPEG images
 - Encode MPEG4 stream at CIF (IVX-1A only)
- > Up to 4GB CF local storage:
 - Local storage cache for maximum tolerance to deployment environments
 - Support video on demand
- > Embedded box for edge deployment
- > Industrial design for 0°C to 60°C operating temperature





> IVX-1 Specifications

Video Analytics

- Intrusion detection
- Face recognition
- Perimeter defense
- Missing object detection
- Unattended object detection
- Missing or unattended object detection
- Crowd detection
- Object tracking
- Vehicle classification
- Unauthorized vehicle parking detection
- Traffic condition classification
- Vehicle counting

Note: some analytics require separate licensing and may decrease effective channel capacity.

Video/Network Inputs & Outputs

- > IVX-1A
 - 1 75Ω BNC composite NTSC/PAL video inputs
 - Up to 30fps (NTSC)/25fps (PAL) per video input
- > IVX-1IP
 - 1 RJ45 10/100 Ethernet inputs (max. fps depends on IP camera specification)
- > 1 RJ45 10/100 Ethernet output

Video Encoding

- > MPEG4 encoder (applies to IVX-1A only)
 - Selectable compression per camera: 196Kbps to 4Mbps (Pre-configured)
 - Up to 15fps (NTSC)/15fps (PAL) per camera

- CIF resolution
- Post-alarm MPEG4 configuration (coming soon)
- > On alarm triggered MJPEG event recording and uploading
 - Lossless MJPEG compression
 - Up to 4CIF resolution

I/O Ports

- > RS-422/485 for PTZ control (supports both Pelco 'D' and 'P' protocol)
- > 1 TTL output
 - No termination
 - Low: < 0.4V
 - High: > 2.4V (5.0V max. with max. current 20mA)
- > 1 TTL input
 - No termination
 - Low: < 0.8V
 - High: > 2.2V (5.0V max. with min. current 10μA)

Storage

- > Standard with 4GB CF card for local MJPEG events cache and system files

Built, Dimensions, Power and Environmental

- > Heavy duty cold rolled electroplated steel chassis
- > Dimension: 170mm (W) x 50mm (H) x 120mm (D)
- > Gross weight: 2Kg
- > Power adapter input: 100VAC ~ 240VAC, 50Hz ~ 60Hz, 1.6A
- > Peak AC watts: 60W
- > Operating temperature: 0°C to 60°C
- > Operating humidity: 20% to 80% (non-condensing)

> Ordering Information

Product Code	Description	Cost (SGD)
IVX-1A	IVX-1, Single Intelligent Analog Channels Edge Device - 1 analog channel - 4GB CF card for local alarm cache	
IVX-1IP	IVX-1, Single Intelligent IP Channel Edge Device - 1 IP channel - 4GB CF card for local alarm cache	
Options		
INT-FR	Face recognition engine	-
INT-PC	People counting engine	-
INT-TR	Transport engine	-

Product specifications and availability subject to change without notice

