



artivision technologies

# IVX-12



## > Features

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- > 12 IP camera or 12 analog video input
- > Real-time advanced video analytics
- > Dual simultaneous encoding:
  - Encodes alarms as collection of lossless MJPEG images
  - Encodes MPEG4 stream with options for alarm recording
- > Up to 3TB local storage:
  - Local storage cache for maximum tolerance to deployment environments
  - Supports video on demand
  - Supports RAID 0,1 or 5
- > 1U server rack optimized design





## > IVX-12 Specifications

### Video Analytics

- Intrusion detection
- 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-12-A
  - 12 75Ω BNC composite NTSC/PAL video inputs
  - Up to 30fps (NTSC)/25fps (PAL) per video input
- > IVX-12-IP
  - Support for 12 IP camera inputs (max. fps depends on IP camera specification)
- > 2 RJ45 10/100/1000 Ethernet ports

### Video Encoding

- > MPEG4 encoding engines (applies to IVX-12-A only)
  - Selectable compression per camera: 192Kbps to 4Mbps

- Selectable constant or variable compression
- Up to 30fps (NTSC)/25fps (PAL) per camera
- CIF (352 x 240/288) resolution
- Post-alarm MPEG4 configuration
- > On alarm triggered MJPEG event recording and uploading
  - Lossless MJPEG compression
  - Up to 4CIF resolution

### I/O Ports

- > Supports RS-485/422 Pelco 'D' and 'P' protocol via external convertor option (PTZ-CON)

### Storage

- > Standard with 150GB hard disk for local MJPEG events cache and system files
- > 3 internal hard drive slots for up to 3TB
- > Options for RAID 0, 1 or 5

### Built, Dimensions, Power and Environmental

- > 1U EIA RS-310C 19 inch rackmount chassis
- > Dimensions: 437mm (W) x 43mm (H) x 503mm (D)
- > Gross weight: 14kg
- > Power input: 100VAC ~ 240VAC, 50Hz ~ 60Hz, 8.5A ~ 4A
- > Peak AC watts: 300W
- > Operating temperature: 10°C to 35°C
- > Operating humidity: 8% to 90% (non-condensing)

## > Ordering Information

Product Code	Description
IVX-12-A	IVX-12, 12 intelligent analog channels device - 12 analog channels - 1U rack-optimized server
IVX-12-IP	IVX-12, 12 intelligent analog channels device - 12 analog channels - 1U rack-optimized server
Options	
INT-FR	Face recognition channel license
HDD-1000	1000GB Enterprise Hard Disk
ACC-PTZ-CON	PTZ Connector (RS-485/422 To RS-232 Convertor)

Product specifications and availability subject to change without notice

