



# IVS PC/104

## Intelligent Video Server



- Video streaming IP multimedia
- Texas Instruments DSP
- Video analytics—ObjectVideo Onboard
- Video Inputs 2 Composite or S-Video
- Video loopbacks 2 Composite (MPEG4)
- Composite video output (MPEG4)
- Audio Input 1 Stereo/2 mono (MP3)
- Audio Output 1 Stereo/2 mono (MP3)
- 10/100 Ethernet interface
- Serial interface (R232/422/485)
- PTZ Support
- PC/104 Plus form factor
- Software upgradeable
- Optional Thermal Plates

The Intelligent Video Server PC/104 Card uses a multimedia platform that is specifically designed for the Cisco 3200® Series Wireless and Mobile Router(s). The IVS is ideal for CCTV and surveillance security systems in addition to other video streaming applications.

The IVS is a PC/104 *Plus* card is designed for low power, rugged, mobile and stationary applications. The TI DM642 DSP processor allows the IVS to deliver MPEG4 compressed video stream at 4CIF resolution 704x480 pixels at up to 30 fps. Video is streamed over the onboard Ethernet interface using industry standard TRP/RTSP.

The IVS supports audio and video output for applications such as intercom and video decoding. The DSP processor provides an intelligent means for efficient at the edge adaptive bandwidth control.

The IVS utilizes video analytics software from ObjectVideo, allowing it to detect and classify objects such as people, unwanted activity, and vehicles based on user defined rules. Backend server architecture provides an easy to use graphical management interface to rapidly control rules and alerts.



# IVS PC/104

## Intelligent Video Server



### General Specifications:

- PC/104 *Plus* measures 3.75" x 3.55"
- Web Graphical User Interface
- Low Power, 6W
- LED Indicators for Power, LINK & ACTIVITY
- Industrial Temperature -40 to +85C

### Video Analytics:

The IVS utilizes ObjectVideo OnBoard to enable truly intelligent video. The device proactively analyzes video and produces alerts and other actionable information on the basis of user defined rules; and it is accessible anywhere on the IP network.



### Distributed By:

Western DataCom Key Partner:

### 12-Month Limited Warranty:

Refer to the user manual for details on Western DataCom's exclusive limited warranty and extended warranty programs. Free technical support for life of product.



P.O. Box 45113  
Westlake, OH 44145-0113

Phone: 800-262-3311/440-835-1510  
Fax: 440-835-9146  
<http://www.western-data.com>  
E-mail: [wdc@western-data.com](mailto:wdc@western-data.com)

The data on this sheet is summary in nature and subject to change. Please refer to this product's technical manual for complete details. Printed in the USA. R20061102a

# IVS 104