

NET5301T Video Encoder

DUAL-STREAM, NTSC/PAL



Product Features

- Encode and Transmit 2 Simultaneous MPEG-4 Video Streams
- Up to 30 NTSC (25 PAL) High Quality (4CIF) Images per Second per Stream
- Video, Audio, and Data over IP Network
- Simultaneously View Video on a Computer User Interface, Console User Interface, and Video Decoder
- Adaptive Deinterlacing Technology
- 3 Programmable Alarm Inputs (Supervised or Unsupervised), 1 Relay Output
- 2 Security Modes
- Video Loss Indicator



- PTZ Support through Pelco P/Pelco D (RS-422) and Coaxitron® (up-the-coax) Protocols
- Optional Wall and Rack Kits Accommodate up to 12 Units

The **NET5301T** is a high-performance, dual-stream, single-input video encoding unit. Its main function is to convert live analog video signals into dual MPEG-4 streams. It can process up to 30 NTSC (25 PAL) images per second (ips) per stream at 4CIF resolution. In addition, the **NET5301T** uses motion adaptive deinterlacing technology to reduce jitter in 4CIF images.

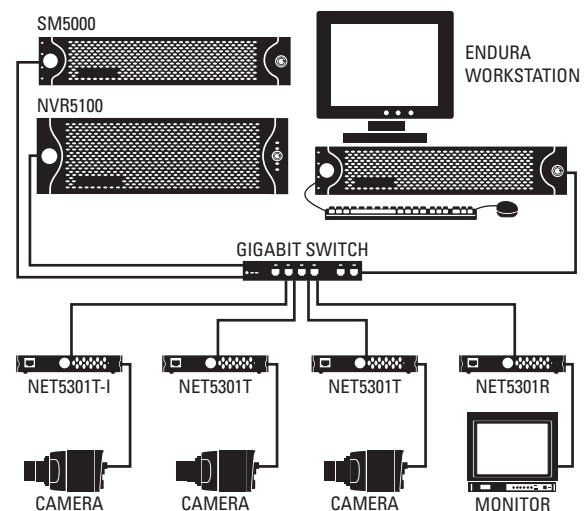
The **NET5301T** incorporates EnduraView™ video optimization technology to select the best image quality and frame rate for the target Endura® product (decoder, workstation, console), all without affecting the system recording rate. For example, the unit selects a high rate and quality setting for recording and automatically selects a lower rate for viewing in a multiple view format.

The **NET5301T** can run in both unsecured and secured modes. The secure mode uses a proprietary key system to prevent unauthorized devices from communicating with a **NET5301T** over the Endura network.

The **NET5301T** is also designed for maximum system integration and flexibility. Each unit can be operated by either a 12 VDC or a 24 VAC power source. Each unit also supports NTSC and PAL video formats.

The unit supports one audio input over the network. The system operator (security personnel) can see and hear activity in the target area.

From any control device on the network, such as a VCD5000 Series video console display or an Endura workstation, you can operate any dome, PTZ camera, or relay that is connected to the **NET5301T**.



IMPORTANT NOTE: PLEASE READ. The network implementation is shown as a general representation only and is not intended to show a detailed network topology. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the system as illustrated. Please contact your local Pelco Representative to discuss your specific requirements.

Endura distributed, network-based products are available only to certified dealers/integrators. Please contact your local sales representative for details on certification applications and requirements. Additional information on Endura products and certifications may be found at <http://www.pelco.com/endura>.

