

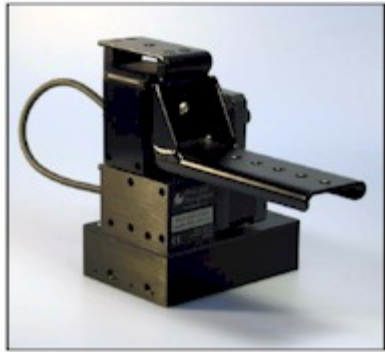
Vision eNews from KCL June 2007

This newsletter covers new pan and tilt products and an update of video software products.

- PTU-D47: New Mid Range Weatherised Pan and Tilt Model
- ISM: Rugged, Low-Cost Inertial PTU Stabilisation
- PTU-D300: New Options and Features
- TroublePix: Digital Video Recording Software for Event Capture and Trouble Shooting Applications
- StreamPix: Video Recording on Laptop at up to 200fps
- StreamPix4: Pre/Post Trigger Module for multi-camera acquisition
- VisionGauge: Now fully supports Windows Vista

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PTU-D47: New Mid Range Weatherised Pan and Tilt Model



Directed Perception has released a new model PTU-D47 that provides integrated controller, single weatherized connector, side + top payload mounting, and payload capacity of 12 lbs. It is an ideal solution for a wide range of outdoor surveillance and communications applications due to its durability, small size, and precise positioning. It is derived from the proven PTU-D46 product line and is fully software compatible

Visit [PTU-D47](#) for further information.

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ISM: Rugged, Low-Cost Inertial PTU Stabilisation

The **ISM** actively controls the PTU to compensate for boat/vehicle motion, keeping your point of interest always in the field-of-view. The **ISM** allows persistent line-of-sight pointing during large vehicle maneuvers, freeing the operator from tedious manual control. Inertial stabilization does not suffer from the same limitations as electronic video stabilization and allows for stabilization of all payload types.

The **ISM** is an advanced strap down design and consists of a precision 3-axis gyro embedded in the pan-tilt unit, and a small 3"x4" processing module. It works with existing pan-tilt applications to provide a drop-in solution for improving mobile camera and antenna applications. A software API is included to allow fast and simple integration with OEM applications. The API allows applications real-time control of the pan-tilt during stabilization. This enables a wide range of application uses including joystick control, video tracking, radar integration, slew-to-queue and more. A built-in Ethernet interface and web server provide simple configuration and control of the module and attached pan-tilt unit.

Email sales@kanecomputing.com for further information.

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PTU-D300: New Options and Features



The PTU-D300 Pan and Tilt Unit now has a number of new features and options.

- Dual-side mount - allows mounting payloads on top and/or both sides
- RF Pass Through – 360 continuous pan for antenna and communications applications
- High-Speed Pan - 100 deg/second pan version.
- Expanded Payload Wiring - expanded payload wiring pass-through
- Modified motion ranges - alternate ranges of pan/tilt motion

New firmware is also available for the PTU-D300. This new firmware provides a unique and powerful "Electronic Gearing" capability that automatically changes between 1/2, 1/4, and 1/8th micro-stepping modes, providing for maximal torques and speeds, while giving the advantages of micro-stepping including smoothness and precision.

Visit [PTU-D300](#) for further information.

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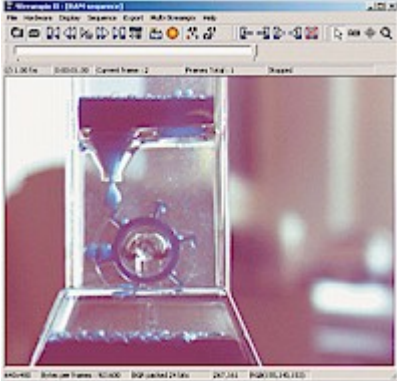
TroublePix: Digital Video Recording Software for Event Capture and Trouble Shooting Applications

- TroublePix is ideal for factory floor applications requiring easy to use GUI.
- Using TroublePix you can acquire, view and review all sequences at the same time.
- Use in factory, outdoors or laboratory where ease of use is a major requirement.
- Designed for non technical operators.
- Supports all standard cameras available in StreamPix.
- Use laptop solution for portability at up to 200 fps x 640 x 480 x 8 bits.
- Compatible with gige, usb2, analog, camera link or FireWire interface.
- Solutions available for high speed at over 1000 fps and high resolution at over 2k x 2k.

Visit [TroublePix](#) for further information or to download the TroublePix demo.

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StreamPix: Video Recording on Laptop at up to 200fps



StreamPix is now compatible with laptops requiring high frame rate cameras at up to 200 fps x 640 x 480.

- Fast and easy to use direct to your laptop.
- Provides portability and long recording periods.
- Compatible with gige or firewireB cameras.
- Up to 200 fps at 640 x 480 x 8 bits monochrome uncompressed.
- Up to 512 fps x 240 x 160 x 8 bits monochrome uncompressed.
- Use JPEG compression for long periods of recording.
- Turnkey solutions available.

Visit [StreamPix](#) for further information.

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Pre/Post trigger module for multi camera acquisition using StreamPix 4

- This module is available with either StreamPix 4 for multiple cameras acquisition or with TroublePix for single camera use.
- The Pre/Post module allows you to capture sequences using a trigger based event on a before and after basis upon receipt of the trigger.
- The module allows you to set the amount of time preceding receipt of the trigger and the amount of time after receipt of the trigger.
- The module can be used when acquiring with a single or multiple cameras simultaneously.
- Once the sequence is acquired and saved to disk, the system resets itself for arrival of the next trigger event.

Email sales@kanecomputing.com for further information.

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VisionGauge: Now fully supports Windows Vista



Please note that the most up-to-date versions of both VisionGauge® and VisionGauge® OnLine fully support Windows Vista.

For specific information about upgrading your VisionGauge® and VisionGauge® OnLine computer to Windows Vista, we encourage you to consult [FAQ #2.16](#) on VisionX Inc's web site.

The latest version of VisionGauge® (V8.36) contains the following new enhancements:

- We've added support for the Sony XCI-SV1 Smart Camera
- Support for "POLYLINE" and "VERTEX" DXF format CAD file entities in VisionGauge®'s Live Image Overlay Builder.
- Support for the Sony XCI-V3 Smart Camera
- Camera settings for the Sony XCI-SV1 Smart Camera
- Further enhancements when using the LUDL motion controller

Visit [VisionGauge](#) for further information.

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