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## New Cameras, Pan and Tilt Units and Vision Products from KCL - November 2010

Please check out the exciting new products in this email news including the excellent, low cost, intelligent vision sensors and cameras available today, new precision Pan and Tilt range plus video enhancement products and viewer software.

- [IDM-500 Small, low cost Megapixel UBS2.0 Smart Camera range](#)
- [IDM-100 Smart Vision Sensor](#)
- E-Series Pan and Tilt models now available: [PTU-D48E](#), [PTU-D100E](#) & [PTU-D300E](#)
- [Line Scan Viewer for StreamPix 5](#)
- [Multicast Viewer for GigE video sources](#)

### IDM-500 Small, low cost Megapixel UBS2.0 Smart Camera range

The IDM-500 is a range of USB2.0 Smart Camera with a Blackfin BF525 DSP inside a product measuring only 30mm x 30mm x 30mm, offering real-time on camera image processing with image sizes from WVGA to 10Mpixels. It supports micro and C/Cr host lenses and external trigger.



[More Information](#) ▶

### IDM-100 Smart Vision Sensor

IDM-100 Smart Vision Sensors are the perfect option for machine builders and product developers looking for high quality, low cost image sensing solutions. The IDM-100 includes a colour VGA sensor with lenses and an embedded 400MHz Blackfin DSP for processing.

Applications include: barcode reading, pattern recognition, colour detection, level and edge detection, object counting, biometrics, intensity calculations and motion detection.



[More Information](#) ▶

## E-Series Pan and Tilt models now available

E-Series units are protocol/command set compatible with existing 'PTU' Pan and Tilt models but provide the following improvements:

- Web interface for simpler configuration diagnostics
- Ethernet I/P command interface
- Higher command rates, lower latency and jitter
- Programmable ranges of motion, simplified calibration
- Integrated digital encoder for more robust positioning
- Reduced calibration movement



**PTU-D48E**

[More Information](#) ▶

**PTU-D100E**

[More Information](#) ▶

**PTU-D300E**

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## Line Scan Viewer for StreamPix 5

The Line Scan Viewer module integrates with the StreamPix 5 suite in order to provide support for high speed line scan camera devices, capable of handling very high speed image rates and producing waterfall-like display that can be more easily processed by software users.

The NorPix Line Scan Viewer module is extremely useful when analysing ultra-fast, single line video images typically when capturing very detailed images of high speed processes. The module is capable of combining thousands of lines into a single page or image in order to provide usable framework for video analytics. It can also export video data to an area scan equivalent still image or digital video file.



[More Information](#) ▶

## Multicast Viewer for GigE video sources

MulticastViewer is an application designed to provide real-time live view from multiple digital video sources. It supports all video sources (cameras, framegrabbers) supported by the Hermes API.

If the video source supports multicasting, multiple instances of the viewer can run simultaneously on different network computers, allowing multiple screens to display the same images from a single source.



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