

New Scale News

January 2012

Greetings!

This month we're pleased to announce a new smart camera developer's kit with precision autofocus, developed through our close partnership with Sunex and D3 Engineering.

We'll be demonstrating this kit and more at Photonics West in San Francisco next week - hope to see you there! Meanwhile, [send us your comments](#) and questions.

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~ New Smart Camera Developer's Kit with precision autofocus features smallest, highest-performance imaging module



Imaging module with image sensor, lens and M3-F focus mechanism.

New Scale Technologies, D3 Engineering and Sunex have teamed up to create a new [OEM Smart Camera Developer's Kit](#). This complete camera kit combines precision autofocus with compact size for medical, biometric authentication, surveillance, machine vision and other high-performance systems.

"Our customers are increasingly aware that autofocus is the key to maximum image resolution with faster, smaller systems," said Kevin Kearney, director of business development at D3 Engineering. "We brought everything together so that system designers can quickly create and integrate a working autofocus smart camera into their system, and get to market faster with leading-edge performance advantages."

D3 Engineering, a Texas Instruments Platinum Developer, created this versatile, full-featured Smart Camera Developer's Kit by integrating:

- D3 SmartCam electronics incorporating TI's DaVinci DSP
- The M3-F focus module from New Scale Technologies
- Standard or custom lenses from Sunex
- Image sensors up to 14 MP from Aptina, OmniVision and others.

Visit New Scale today for [specifications and ordering information](#).



OEM SmartCamera Developer's Kit from D3 Engineering features New Scale's M3-F focus module and Sunex lenses for built-in autofocus. Ideal for applications requiring high-performance imaging in a compact size.

~ Partner Profile

D3 Engineering intelligent imaging, sensor and control solutions



D3 Engineering provides intelligent imaging, sensor and control solutions for the industrial, biomedical and security/surveillance markets. Services include hardware, software and packaging design.

The D3 Imaging and Sensors group is expert in applying the Texas Instruments DaVinci and OMAP architectures to develop optimized real time systems for machine vision, analytical instrumentation and surveillance. The D3 Digital Power and Motion group develops DSP-based digital power, motion control and energy management solutions.

A Texas Instruments "Platinum" Development partner, D3 Engineering has particular expertise in leveraging the TI C2000-series micro controllers including on-chip control peripherals, CLA subsystem, capture modules and PWM waveform synchronization.

Leveraging its DesignCore OEM reference designs, D3 Engineering can reduce the risk of your new product development and significantly shorten your time to market.

[Learn more about D3 Engineering](#)

~ See us at Photonics West

Photonics West 2012 | January 24-26 | San Francisco
Booth #5310, North Hall

Check out the D3 Smart Camera Dev Kit. Ask your camera questions - engineers from D3 Engineering will be on hand in the New Scale Booth, and optics engineers from Sunex will be right next door.

We're also presenting a product demo:
Wednesday, January 25 | 2:30 pm
North Hall D, Demo Area 2

Can't make it to San Francisco? [Contact us](#) to start a conversation.



~ Contact us

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