



## News Release

FOR IMMEDIATE RELEASE

### **Linear/IEI Introduces Two New Low-Voltage 24W Plug-In-Power Supplies**

*Enhanced PIPs Offer Security / Access Industry Fully Regulated Operation  
And UL, cUL, EISA, RoHS Compliance*

**Carlsbad, Calif., (March 1, 2011)** – With many security/access control peripheral devices requiring fully-regulated output voltage for proper operation, [Linear LLC](#) introduces two new 24W Plug-in-Power (PIP) supplies to help run them.

The new Linear PIPs offer a significant increase in performance over traditional transformer-based, step-down PIPs that inherently deliver unregulated output voltage. The units – [PIP24VDCRU](#) and [PIP12VDCRU](#) – utilize fixed frequency fly back switching topology, helping them achieve +/- 1 percent output voltage regulation from 0-100 percent load and from 90-264 VAC input voltage range.

In addition, Linear switch mode PIPs are highly efficient, typically operating at 85 percent efficiency, and are significantly lighter in weight. “Older PIPs are based upon transformer designs that constantly drain power when not being used or in limited use mode,” said John LaFond, Director of Sales for Linear Commercial Access. “Our PIPs exceed the new government EISA standard, while providing a better power supply technology for our customers’ applications.”

These new units expand the use of PIPs to power Linear/IEI security/access control peripheral devices like readers, cameras, motion detectors and CCTV equipment, as well as many other manufacturer’s devices.

Linear PIPs are approved to UL/cUL 1310 standards and meet FCC class B emission standards. Another significant advantage offered by the new units includes compliance with EISA 2007 standards with less than 0.5W of stand-by power. This key advantage will allow security and access control dealers to participate in markets where compliance to new “green” energy efficiency standards is mandatory. In addition, Linear PIPs are RoHS compliant.

Linear PIPs are UL-approved for the U.S. and Canada, and will be sold through Linear’s distributor and dealer sales channels in North America.

See additional information about Linear's new low-voltage Plug-in-Power supplies at [www.linearcorp.com](http://www.linearcorp.com). For more information, contact your Linear sales representative, or call (800) 421-1587.

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### **About Linear LLC**

Linear LLC is a pioneer in engineered radio frequency (RF) products and is a major supplier of wireless residential security systems, access control, intercoms, garage door operators, gate operators, short- and long-range radio remote controls, and personal emergency reporting systems. In recent years the company, through acquisition, has expanded into a wide range of consumer electronics, including whole-house audio/video distribution systems, central vacuum systems, music/communications systems, speaker systems, and structured wiring systems. For more information, contact Linear LLC, 1950 Camino Vida Roble, Suite 150, Carlsbad, CA 92008, 760.438.7000 or [www.linearcorp.com](http://www.linearcorp.com).

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