



November 2010

LANTECH Communications Europe GmbH

IPES-0008-4

Topics of this issue

- **IPES-0008-4**

easy to use,
reliable,
future proof

- **PoE with 24-48V DC voltage input**

Industrial PoE unit with 24V input voltage – usage and markets

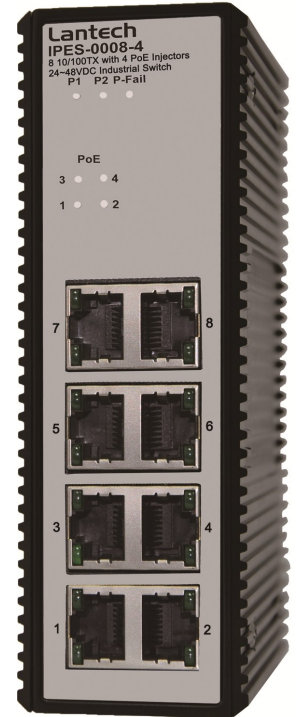
24 Volt switching units are primarily used within standardized automation, robotic and transportation processes. Throughout these sectors, the usage of 24V switches is spreading at an ever increasing rate. The added functionality provided by PoE (Power over Ethernet) allows modern applications to overcome limitations of the past. Monitoring systems within public transportation systems, control of public access points and operational supervision of production lines are just some of the many examples that profit through the use of PoE technology.

This calls for a robust unit that is powered with 24V-48V input voltages, but can also power PoE appliances using 48V output. The Lantech IPES-0008-4 is one such unit. The device is equipped with 8xRJ45 Jacks, of which 4 are PoE compatible. 48 volt current is converted internally using an integrated DC to DC

transformer. Metal housing and redundant power supply are standard options. Voltage drop can even be signaled through a relay.

Through the use of high quality components, the Lantech IPES-0008-4 operates reliably within a temperature span of -40°C to 75°C without breaking your budget. The product is supported by a 5 year guarantee that accredits its high quality and long life conception, thereby making its use within industrial processes utmost meaningful and sensible. The fanless metal housing provides extensive protection against electromagnetic induction and discharge. Reliability and stability are one of its primary attributes.

Günter Meixner, CEO



Lantech IPES-0008-4 Modell, unmanaged

8350-560	IPES-0008-4	8x 10/100TX mit 4xPoE (-40°C~75°C) - unmanaged
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