

FOR IMMEDIATE RELEASE

EtherWAN Systems Announces the Release of the EX45900 Compact Hardened DIN-Rail Gigabit Unmanaged PoE Switch

Taipei, Taiwan — November 20, 2014 —



The EX45900 is a hardened-grade, 802.3at Gigabit Unmanaged PoE switch designed for integration of mission-critical PoE devices in IP security, access control, and intelligent transportation systems.

The EX45900 features FIVE 10/100/1000TX ports and ONE 1000BASE fiber port. Among the TX ports, 4 are with IEEE802.3at compliant PoE/PSE ports providing up to 30 watts per port with a full 120W power budget for maximizing PD power delivery to devices such as PTZ cameras. The uplink Gigabit port can be configured with copper, fixed fiber transceiver or SFP fiber.

A compact, DIN rail mount housing, extended operating temperature from -40°C to 75°C, and 24VDC or 48VDC input voltage range enable the EX45900 to satisfy the widest variety of PoE integration requirements.

The EX45900 fits in applications such as machine vision industry, IP video surveillance solutions, and 802.11n Wi-Fi connections, which require more bandwidth and packet priority setting however energy efficiency is mandatory.

“The EX45900 series provides Gigabit bandwidth and 10K jumbo frame support, IEEE802.1p QoS and IEEE802.3az Energy Efficient Ethernet, increasing both network and energy efficiency for the users;” says Ms. Esther Chen, Product Manager from EtherWAN, “In addition to the hardened specifications, the EX45900 has special circuit design for LAN port protection, which fully secures all the data ports when lightning strike occurs. This protection can be guaranteed no matter the power comes from a non-isolated or an isolated power supply unit, giving the device maximum physical protection.”

The hardware also features 24 / 48 VDC flexible redundant power inputs, and a DIP switch for port fault alarm, broadcast storm and jumbo frame setups. The EX45900’s slim design with DIN-Rail mount is excellent for space-sensitive installations. The front panel LED indicators display link, PoE status, power status, and alarm for easy monitoring.

About EtherWAN

EtherWAN Systems, Inc. is a leading manufacturer of Hardened Ethernet, PoE, and Fiber connectivity products specifically designed for harsh and demanding environments. Founded in 1996 in Irvine CA, EtherWAN specializes in the designing and manufacturing of Ethernet Switches, Media Converters, Ethernet Extenders and Power over Ethernet products for



8F., No.2, Alley 6, Lane 235, Baoqiao Rd., Xindian District, New Taipei City 231, Taiwan
Tel : +886-2-6629-8986 | Fax : +886-2-6629-7758 | www.etherwan.com

applications where connectivity is crucial. With our core focus on Ethernet connectivity for extreme environments with stringent requirements product reliability and quality are top

priority. EtherWAN's product development, engineering, manufacturing and quality assurance processes are structured to push the limits of stated specifications resulting in products that continually exceed expectations. Our goal is to provide quality reliable products for extreme applications, markets, and environments.

EtherWAN Systems, Inc. US headquarters is located in Anaheim, CA USA with Pacific Rim headquarters and manufacturing in Taipei, Taiwan. With sales, marketing and engineering expertise on both sides of the Pacific Ocean and its own production lines in Taiwan, EtherWAN combines the highest quality products with professional support using the most advanced Ethernet technology resulting in systems that just work. - EtherWAN "When Connectivity is Crucial".

EX45900's official product page:

<http://www.etherwan.com/Product/ViewProduct.asp?View=224>

For more information, please contact: info@etherwan.com.tw