

Product Update

Q2

New Switch Provides 30watt Power for up to Seven PoE Devices



ComNet Europe has expanded its Ethernet product line by introducing two eight-port unmanaged switches that provides six or seven 100TX Power over Ethernet (PoE) ports and one or two 100FX optical ports. This switch is designed for use in harsh environmental applications. The CNFE8USPOE provides a Power over Ethernet (PoE) function to peripheral devices that can be PoE powered. This device supports the latest IEEE 802.3at Power over Ethernet (PoE) standard for use with Power Sourcing Equipment (PSE) supplying up to 30 Watts. This unmanaged switch can serve as an aggregation point for up to seven 10/100TX Ethernet devices while providing PoE to the peripheral devices. It also transports Ethernet data optically over multimode or single mode fiber, to a managed switch or other core network devices.

Datasheet Link: [CNFE8USPOE](#)

ComNet Solves High Bandwidth Distance Challenge While Providing Operating Power To Ethernet Edge Devices



ComNet have introduced a 1000FX fiber optic media converter with Power over Ethernet (PoE). The CNGE2MCPOEM provides a PoE function to those POE compatible peripheral devices. This device supports the latest IEEE 802.3at PoE standard for Power Sourcing Equipment (PSE), supplying up to 30 Watts of power. Designed for use in harsh environments, these products allow 10/100/1000TX Ethernet data to be transmitted optically over either multimode or single mode optical fiber, by application-specific, optional SFP modules.

Datasheet Link: [CNGE2MCPOEM](#)



New ComNet Managed Ethernet Switch Provides High-Density Modular Ethernet Solution



ComNet has expanded its ValueLine by introducing a cost-effective 26-port modular Gigabit Ethernet switch for commercial security applications. The CWGE2FE24MODMS is another modular managed Ethernet switch that provides a high port count with great flexibility in copper and fiber optic media type. The all-new CWGE2FE24MODMS is essentially a user-configurable chassis that accommodates three 8-port 100FX or 100TX modules. It features two 1000FX

or TX uplink ports for connecting to the network core. The modules are available with either eight electrical ports that support 10/100TX transmission, or eight user-selectable SFP ports that support 100FX transmission. This cost-effective solution is designed for operation in environments typical encountered in commercial security.

Datasheet Link: [CWGE2FE24MODMS](#)

ComNet introduces Cost-Effective Digital Fiber Optic Video Solution



ComNet new Fiber Optic Pair offers Digitally-Encoded Video Performance at Analog Video Cost. The new fiber optic video transmitter and receiver that is the company's remedy to the low-cost, low-quality imported fiber optic transmission equipment available today. The ComNet FVT1C1B1 and FVR4C4B4 offer 8-bit digital performance and can transmit a single video and contact closure signal on individual multi-mode or single-mode optical fiber. These products are environmentally hardened to operate in the harshest conditions, and unlike competitive products are warranted for life.

Datasheet Link: [FVT1C1B1](#) & [FVR4C4B4](#)

HARDENED FIBER OPTIC & ETHERNET TRANSMISSION PRODUCTS

Product Update

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New ComNet Product Allows CCTV Camera to Operate at remote locations without onsite power



A unique product that transports IP video from the camera using existing coaxial cable while delivering operating power for the devices transported back through the same coaxial cable to provide operating power for the Power over Ethernet (PoE) camera.

This all-new product, designated the ComNet CWFE1POCOAX, eliminates the need to have a separate power source at the remote location to provide operating power for the devices. Based on the IEEE 802.3af standard for PoE, the CWFE1POCOAX

provides 15 Watts of 48-Volt DC power to the remote devices. The CWFE1POCOAX transports Ethernet data at rates of up to 100 Mbps over a distance of 230 meters.

This product allows the user to install or upgrade to IP cameras that can operate using PoE in remote locations while offering significant cost savings by not having to install a separate power source.

ComNet offers a complete line of products that allow Ethernet data be transmitted over standard 75-ohm coaxial cable circuits, making this unit ideal for those applications where it is desired to utilize an existing installed base of coaxial cable for Ethernet transmission.

The CWFE1POCOAX is another ComNet solution for upgrading an existing coaxial cable plant for use with Ethernet-based equipment; by avoiding the significant costs associated installing new network cabling.

Datasheet Link: [CWFE1POCOAX](#)

HARDENED FIBER OPTIC & ETHERNET TRANSMISSION PRODUCTS

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New ComNet Mini Optical Media Converter For Direct Mounting Within a Device



The ComNet Ethernet internal mounted media converters are designed to transmit and receive 10/100 Mbps data over multimode or single mode optical fiber. The electrical interface will Auto-Negotiate to a 10 Mbps, or 100 Mbps Ethernet rate without any adjustments. The optical interface operates at a 100 Mbps Ethernet rate. These media converters are environmentally hardened to operate in extreme temperatures. LED indicators are provided for rapidly ascertaining equipment operating status. The CNFE1/X do not have a metal enclosure and are designed to be incorporated within a device.

Datasheet Link: [CNFE1](#)

ComNet offers an extensive line of fiber optic video and data transmission equipment as well as a line of Ethernet Network equipment that is uniquely toughened to meet the needs of the Security and Intelligent Transportation System market. Full product line details are available at www.comnet.net. Call direct +44 1133 076400 or email info-europe@comnet.net for details.

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