Omnitron Launches New Multi-Gigabit / Multi-Rate 1G/2.5G/5G/10G Ethernet and PoE Media Converters

Irvine, CA – November 9, 2022 – Omnitron Systems (www.omnitron-systems.com), a leading provider of Ethernet, Power over Ethernet (PoE) and fiber network products, today introduced its next generation of OmniConverter® 10G Multi-Gigabit / Multi-Rate Ethernet and PoE Media Converters.

Designed for applications that require high bandwidth and high power such as the latest Wi-Fi 6/6E Access Points, Small Cells and IP surveillance cameras, the Multi-Gig OmniConverter product family provides 10G high-speed fiber distance extension and 5G, 2.5G or 1G with up to 100W PoE to client port connection options.

The OmniConverter® 10G Multi-Gigabit / Multi-rate Media Converters feature one Small Form Pluggable (SFP) uplink port and one or two user/device downlink RJ-45 copper ports. The SFP transceiver receptacle supports a 10/100/1000/2.5G/5G and 10G standard copper SFPs and 1G/10G multimode, single-mode, dual, single-fiber, CWDM and DWDM SFPs.

The family of models feature non-PoE, PoE+ and PoE++ power source (PSE) options. The PoE+ models supports IEEE 802.3at (15 and 30W) and the PoE++ (HPoE) models support IEEE 802.3bt (60 or 100W) per down-link copper port. The PoE copper ports automatically negotiate and deliver the power level required by a Powered Device (PD) partner up to 100 watts of power per PoE port.
Other configurable features include a remote link and PoE power reset function that enables a remote PD device to be re-initialized remotely, eliminating the need for potentially costly truck rolls to remote PD sites.

The new OmniConverter® 10G Multi-Gigabit / Multi-rate Ethernet and PoE Media Converters are unmanaged plug-and-play models. They can be powered directly from a 46-57VDC power source, or from 100-240VAC power using a power adapter.

“Omnitron Systems has recognized a clear market demand for high PoE power and multi-gig/multi-rate high bandwidth for the latest Wi-Fi 6/6E access points and high resolution cameras,” said Sankar Ramachandran, Director of Product Management. He then added “Revolutionary 6-speed Multi-Gigabit technology (10M/100M/1G/2.5G/5G/10G) built in Omnitron’s multi-date speed media converters allows devices to speed past the Gigabit barrier. Customers can achieve five times faster speeds using their existing CAT 5e cable infrastructure.”

The OmniConverter® 10G Multi-Gigabit / Multi-rate Media Converters can be shelf, wall and DIN rail mounted. They are available in Commercial (0° to 50°C), and Wide (-40° to 60°C) operating temperature ranges.

All OmniConverter® 10G Multi-Gigabit / Multi-rate Ethernet and PoE Media Converters are designed and manufactured in the USA. They are TAA and NDAA compliant and feature a 5-Year Warranty and free 24/7 technical support.

**About Omnitron Systems**

Omnitron Systems designs and manufactures Media Converters, Ethernet Switches and Power over Ethernet (PoE) devices for copper and fiber networks applications. Omnitron’s switches, Network Interface Devices, media converters, extenders, CWDM/DWDM and TDM multiplexers are deployed in enterprise, government, industrial, IoT, telecom and cable networks worldwide. For product and reseller information, contact Omnitron’s sales department by phone at 800-675-6410 or 949-250-6510, or by e-mail at sales@omnitron-systems.com

**Product Pictures**
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