

PRESS RELEASE

For Immediate Release

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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-rate 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



Product Page Links

Omniconverter 10G/S

<https://www.omnitron-systems.com/10g-multi-rate-multi-gig-media-converter>

Omniconverter 10GPoE+/S and 10GPoEBT/S

<https://www.omnitron-systems.com/10g-multi-rate-multi-gig-poe-media-converter>

Image Links

https://www.omnitron-systems.com/images/press/10GHPoEBT_S_Side.jpg

https://www.omnitron-systems.com/images/press/10GPoEBT_S_Stack.jpg

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