

Highly efficient full featured IEEE802.3bt 90W POE PD plug and play solutions: Infomart® announces new low-cost PoweredEthernet™ PEM9300BT and PEB9300BT modules.

PEM9300 90W full featured Type 4 Class 8 90W module minimal external components
PEB9300 90W full featured Type 4 Class 8 90W complete POE PD system no external components needed.

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Infomart, a pioneer in Power Over Ethernet PD modules announces the launch of its 90W IEEE 802.3bt Type 4 Class 8 modules.

The PEM9300BT are compact full featured modules requiring minimal external components. The PEB9300BT is a complete single board POE PD system requiring no external components.

Designed and manufactured in India, the PEM9300BT and PEB9300BT offer Maintain Power Signature (MPS) and Auto-Class (AUC) the new ultra-low-power-standby and PSE optimisation features of the recently adopted IEEE802.3bt standard. Both products also offer direct in-built wall-adaptor support eliminating complicated circuitry like an O-Ring diode on the output.

The PEM9300 and PEB9300 feature excellent power efficiency of up to 94% along with high thermal efficiency requiring minimal heatsinking or airflow to deliver full power. The PEB9300 delivers over 75 watts output at 70-degree Celsius ambient temperature. Both products feature a 1500V isolated (input to output) DC-DC converter and are available in output voltages of 12V, 20V, 24V.

With the upcoming PEM6300 60W POE module, Infomart now offers POE PD solutions across the entire POE PD power spectrum from 13W to 90W. Our products are backed up by our “design-in” service, technical support, and testing.

The PEM9300BT and PEB9300BT, shipping now, address the high-power needs of system designers of Security Systems, IoT and IIoT, Thin-Client and Zero-Client computers, USB Power Delivery, Restaurant and Airport Displays, Audio-Video, 5G, and Networking Systems amongst others.

About Infomart

Infomart® India Private Limited designs, develops and markets proprietary Power Over Ethernet Powered Device modules and boards under the PoweredEthernet™ brand. It is headquartered in Bengaluru, India. The company's product portfolio covers the entire power spectrum of POE PD from 13 watts output power to 90 watts. We have business partners in various global geographies. For more information, please visit our website

<https://www.poweredethernet.com>