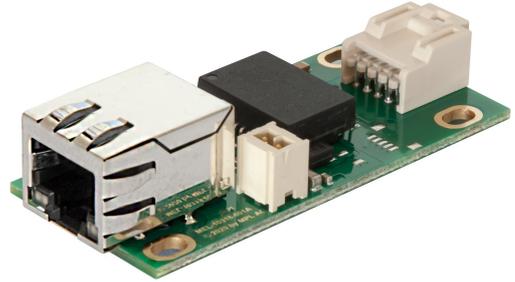


μEPI Swiss engineered smallest Ethernet Power Injector (PoE+)

MPL announces an add-on for all Ethernet products. The new μEPI is an ultra small form factor Ethernet Power Injector. Its main purpose is to upgrade products without PoE (Power over Ethernet) to a PSE solution (Power Sourcing Equipment).

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The solution conforms to MPL's high standards like; smallest foot print, long-term availability, extended temperature capability, flexibility, and low power requirements. The solution can be supplied with RJ45 or lockable headers.



PoE is a network function, defined in IEEE Standards 802.3af/at. The μEPI supports 10BASE-T / 100BASE-TX / 1000BASE-T and up to 30W power (PoE+). The solution can be used within a wide range of applications, such as wireless access points, IP cameras, and VoIP phones, just to name a few. Depending on the customer's requirements, the power supply can be internal or external.

The μEPI allows to upgrade Ethernet networks to PoE functionality without replacing existing switches or re-routing the cables. The module supports up to of 57VDC and PoE+ power classes from 0 up to 4. The temperature range of the μEPI is -40°C up to +85°C. The size is only 62x28x20 mm with a weight of 15.5 grams.

MPL engineers haven taken special care to use only the best components with the lowest power consumption. The result is an increased MTBF value so that the μEPI can be used for years without any problems. And the TCO (total cost of ownership) is minimized.

The tiny μEPI can be added to any Ethernet solution. Regardless if it is an embedded MXCS Server, a PIP Intel i7 Computer, a CEC Atom or a Network product. The optimal PoE solution can be easily integrated.



Fanless Edge Server with μEPI



Embedded rugged i7 with μEPI



Rugged Atom with μEPI



19" 1U rugged Switch with μEPI



MIL solution with μEPI

All MPL products are designed for long-term availability and the μEPI will be available for more than 10 years. MPL's own component stock guarantees repairs.

The μEPI is 100% engineered and manufactured by MPL AG in Switzerland. The system meets or even exceeds all common industrial and military standards.

For more specific information, please visit www.mpl.ch/t2876.html or contact MPL AG directly.

About the Company

MPL AG is located in Switzerland and was founded in 1985. Since the beginning, MPL stands for robust designs, long-term availability, low power consumption, and fanless concepts. The products are designed from scratch to succeed in extended temperature and meeting the high demands of rugged environments.

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