



Automotive Ethernet Development Tool NETLion 10G faster than ever



Deggendorf, April 25, 2023 – From all automotive Ethernet development tools, the NETLion is the Swiss Army Knife. Now, the indispensable development tool is upgraded and ensures a reliable data transfer with up to 10 Gbit/s speed.

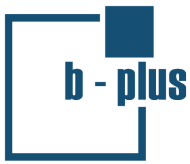
With advancing technology in the automotive sector, the demands on an Ethernet converter are also rising. For high-resolution sensor technology that requires high frame rates, such as high-resolution 4K cameras, speeds of 100 or 1000Mbit/s are no longer enough. Data can be lost if the data transfer speed is not suitable. With the 2.5G, 5G and 10Gbit/s options of the NETLion 10G, b-plus closes this gap and continues to ensure reliable data transfer without data loss.

Ethernet converters are used whenever automotive Ethernet is to be converted to standard PC Ethernet. The NETLion can be used in two modes. In media converter mode it converts up to two 2.5G, 5G or 10G signals to PC Ethernet and thus supports multiple standards with one device. In TAP mode, data can be decoupled from both directions of transmission and read out separately from each other. Users can decouple each connected device individually, examine it, and precisely trace and assign any errors.

The monitoring of safety-relevant systems in the vehicle is only possible with reliable and precise data. "We only operate on layer 1, which means that there is no modification of the data streams", explains Florian Rabbauer, Product Manager of NETLion 10G. Furthermore, the NETLion 10G has a very low and well-defined latency due to its real-time transmission, which ensures a reliable time synchronization of the data.

To make the use of the NETLion 10G as easy as possible, there are several options available for the configuration. The simplest one is done via the DIP switches on the hardware. Users are able to start immediately without any additional software. The converter can be configured easily via the Master/Slave mode.

Follow [the link to the product website](#) for detailed information and contacts to our product experts.



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ABOUT B-PLUS GROUP

The b-plus Group is with more than 230 employees an international leading development partner for advancing technologies in the fields of autonomous driving, driver assistance systems and the automation of mobile machines. With its development tools, automotive software and mobile automation divisions, it offers its customers a wide range of measurement technology, software and hardware.

As a long-term partner, b-plus accompanies its customers from the identification of the problem to the implementation of the development solution and beyond. The teams at the Deggendorf, Regensburg, Cham and Lindau locations work hand in hand to provide comprehensive and holistic solutions.