Swiss Made universal & rugged 10-port managed 10Gbit Switch

MPL announces an expansion of its rugged Switch Family. The new product is a 10-port switch that includes two 10Gbit SFP+ ports and still conforms to MPL's high standards like; long-term availability, extended temperature capability, flexibility, and low power requirements.

Dättwil Switzerland, June, 2016

The new switch called MAXBES integrates 8-ports with 1Gbit and 2-ports with 10Gbit speed. The eight 1Gbit ports are either available on RJ45 connectors or four RJ45 connectors & four 1Gbit SFP, next to the two 10Gbit SFP+ ports. The open frame version is available with lockable headers instead of RJ45. All ports have status LEDs on the front-plate, indicating the activity of each port.

The MAXBES solution is extremely compact and is built in a rugged aluminum housing or comes as board level product. The input power requirement is 8 -36VDC and comes with reverse polarity protection (optional with redundant input) and less then 15W power consumption at full operation. The product can be operated from -20°C up to +60°C.

All on the market available 1Gbit Ethernet compatible SFP transceivers (according MSA) can be used. It allows the users to select the appropriate transceiver for each link.
The SFP+ slots supports 10Gbit and 1Gbit Ethernet compatible, MSA compliant SFP+ modules.

The MAXBES products support features such as:
  • Configurable via Web Interface (including SSL), Telnet, SNMP (incl. SNMPv3) or RS232
    ▫ Port-based and IEEE 802.1Q VLAN
    ▫ IEEE 802.1D Rapid Spanning Tree Protocol
    ▫ IEEE 802.1X MAC Address Checking
    ▫ Quality of Service
    ▫ Port monitoring
    ▫ Switch statistics
  • Digital diagnostic monitoring (DDM) according SFF-8472
  • Firmware update via HTTP or TFTP
  • Down- and up- loadable configuration files in XML format
Integration of IGMPv3 support and Port trunking is planned.

These and more features make the MAXBES to the ideal candidate for any rugged or industrial secure network application. Due to the low power consumption, robust and flexible design, is the product well suited for embedded systems and solutions. The MAXBES makes it easy to set up a secure and challenging network!

All MPL products are 100% designed and manufactured by MPL AG in Switzerland. This guarantees high quality, long-term availability and repair, and gives you security you can trust.

For more information, please contact MPL directly or check out their website www.mpl.ch

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.

contact information
Remy Lörtscher
MPL AG
Täfernstrasse 20
CH-5405 Dättwil, Switzerland
phone: +41 (0)56 483 34 34
info@mpl.ch - www.mpl.ch

High-Tech • Made in Switzerland