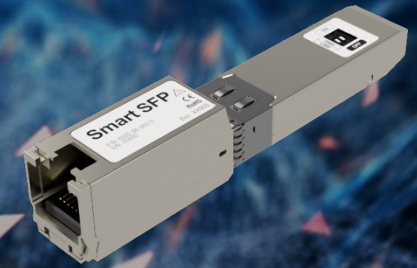


Smart SFP Serial Interface Converter

RS-232 to IP converter



Smart SFP Serial Interface Converter has wide range of possible applications in various areas including power, railway, oil & gas, telecom and many others.

The module supports RS-232 data transmission over IP networks and can be used for transmitting serial data or as an interface gateway in case of remote access to serial devices.

Smart SFP provides easy and reliable serial to Ethernet connectivity for industrial automation applications. It can connect any serial device to an Ethernet network. To ensure compatibility with network software, it supports a variety of operating modes, including TCP server, TCP client and UDP.

With support of the IEC 60870-5-101 protocol widely used in the power industry and its tiny footprint, the module is a perfect solution for upgrading legacy SCADA networks and organizing their transport over modern IP networks.

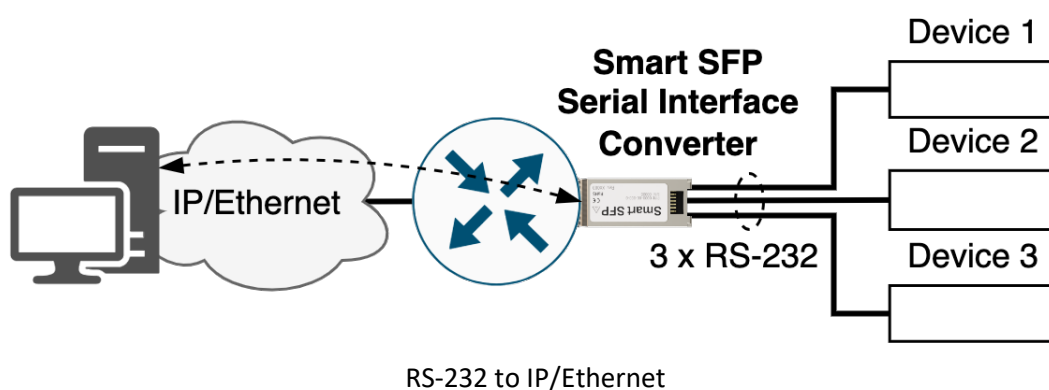
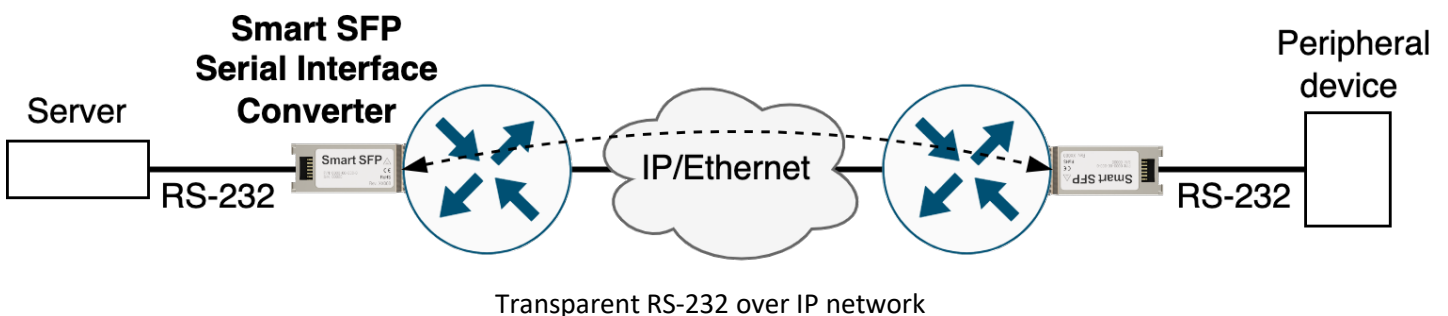
Smart SFP is compatible with network equipment from any vendor.

Applications:

- Seamless upgrade SCADA systems communication to IP
- RS-232 over IP tunneling
- Remote serial console server
- Out-of-band management

Key features:

- Transparent RS-232 transferring
- IEC 60870-5-101 support
- Point-to-point
- Point-to-multipoint



Features:

- Up to 3 x RS-232 ports, 1 full or 3 Tx/Rx only
- RS-232:
 - DCE
 - Baud rates: 110, 200, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps
 - Flow control: hardware, software
 - Cable length: up to 25 m
 - ESD protection 15 kV
 - RJ-45
- IEC 60870-5-101:
 - Balanced, Unbalanced
 - Baud rates: 100, 200, 300, 600, 1200, 2400, 4800, 9600 bps
- IEC 60870-5-101 over IP:
 - Point-to-point, Multipoint
 - Max number of connections: 16
- Statistics
- Diagnostic loopback
- Ethernet/IP/UDP encapsulation, VLAN support

Management:

- CLI over SSH, SNMP, REST API
- Static IP, DHCP
- IPv4, IPv6, VRF
- VLAN
- ACL, VPN
- PTP slave, NTP client
- LED status indicator
- Remote software upgrade

General:

- SFP MSA compliant
- Multi-vendor compatibility
- Industrial temperature

Ordering information

Intelligent SFP module, ARM CPU, FPGA, Gigabit Ethernet, RS-232, RJ-45

Feature sets:

Interface converter

Interface converter, IEC-101

Find out more: plumspace.com, info@plumspace.com

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