# Profinet IO 2-Port Plug-In Module

The new Profinet IO 2-port module with integrated 2-port switch is the latest member of the Anybus-CC family. It allows Profinet IO real-time communication with line or bus topologies without the need for expensive external switches.

The new module complies with Profinet-IO conformance class B and incorporates a lot of new features: Network management (SNMP) for advance diagnostics, topology recognition (LLDP) for easy maintenance and "fast start-up" for advanced applications. As most other Anybus-CC Ethernet modules, it also includes industrial IT-functions such as an embedded web server and FTP-server, an E-mail client and a full featured TCP/IP socket interface.

The integrated 2-port switch allows Profinet installations in bus or line topology as requested from many users, especially from the AIDA group of automobile manufactures. The Profinet functionality includes easy and user-friendly device replacement without the need for additional engineering tools. Typical applications can be found in automation systems featuring a higher-level of machine control and requiring deterministic data transfer.

The new Profinet module is backwards compatible (standard implementation) with the single port Anybus-CC Profinet IO module (AB6215) concerning the Anybus interface (the fieldbus interface uses its on GSD file and fieldbus ID). It can be plugged into any automation device with integrated Anybus-CC communication slot.

| KEY FEATURES |
| --- |
| ■ Baudrate 100 Mbit/s (Full duplex) |
| ■ Complies with PROFINET IO Conformance class B |
| ■ SNMP with support for the following mibs: LLDP and MIB-II |
| ■ Supports up to 32 modules, with 8 sub-modules / module |
| ■ Total number of 64 sub-modules supported |
| ■ Supports up to 32767 ADIs |
| ■ LLDP is supported (Topologi scan) |
| ■ PROFINET fast start-up supported |
| ■ PROFINET Real Time and Web server |
| ■ Support for TCP/IP socket interface |
| ■ Max 256/256 byte IO data IN/OUT |
| ■ Transformer isolated Ethernet Interface |
| ■ Email functionality (SMTP) |
| ■ User downloadable web pages through FTP server |

| TECHNICAL SPECIFICATIONS | |
| --- | --- |
| Size: | 52 mm x 50 mm x 22 mm |
| Power Supply: | 3,3 Volt |
| Temperature: | -40 to +70°C |
| Baud Rate: | 100 Mbits/s |
| I/O Input: | Max 256 Byte |
| I/O Output: | Max 256 Byte |
| Config Method: | GSD file for Profinet |
| Appl Interface: | Parallel and serial |
| Availability: | end of Q2-2009 |
| Order Code: | AB6321 (Without Housing) |
| Order Code: | AB6221 |