

# IBH Link S7++



## **IBH Link S7 ++**

If a S7 200®, S7 300® or S7 400® has to be connected with a PC via Ethernet, the normal way is to take a CP / Communication processor.

IBHsoftec has a more flexible solution:

**IBH Link S7 ++.**

If you want to connect your PC via Ethernet just take the **IBH Link S7 ++**. It is possible to connect the **IBH Link S7 ++** with a hub or switch or via a Crossover cable direct with your PC network card. The used protocol is standard TCP/IP, so you can control your system using VPN or a router. Of course you can also use an Internet connection. With the **IBH Link S7 ++** online functions are possible via Profibus DP with up to 12 Mbit/s or via PPI/MPI®. The **IBH Link S7 ++** will reduce your cost because there is no need for the CP's from Siemens nor the software Simatic Net is required.

The driver for SIMATIC MicroWin®, STEP®7, WinCC, ProTool and of course **S7 for Windows®** is supplied on CD with your **IBH Link S7 ++**. Also you can use the **IBH OPC Server** to connect your visualisation with the PLC via **IBH Link S7 ++**. The IBHNet driver enables you to gain direct variable access via standard programming languages like Visual Basic or Delphi. The configuration of the adapter is very easy and normally done in a few minutes. The **IBH Link S7 ++** automatically detects, whether it's connected to a 10 or 100Mbit/s network. The **IBH Link S7 ++** takes it's power supply from the MPI®/DP interface, if available, otherwise via the integrated 24V plug.

Besides the programming capabilities also an application programming interface for HMI applications is included.

For Windows operating systems there are samples in the languages Visual Basic®, Visual C®, C++®, VB.net®, C#®, Delphi®, Java®, Excel® included. For Linux there are also samples included.

HMI applications can also connect via ISO on TCP (RFC1006).

The **IBH Link S7 ++** replaces the well known **IBH Link S7** and **IBH Link S7 CrossOver**.

Additional features:

- 16 PC-connections at the same time
- 32 MPI® / DP-connections at the same time
- Automatic Baudrate-detection
- RFC1006
- RJ45-plug with autodetect integrated
- PG(PU) connector
- Diagnostic LEDs
- Power supply from the MPI® / DP interface
- Connection also to passive nodes with power supply via integrated 24V connector

Typical application of the **IBH Link S7 ++** :

