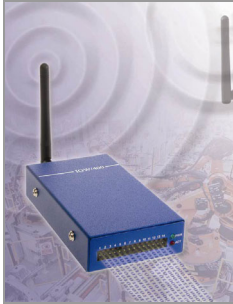


## Product Information

# IGW/400-PROFI: Wireless Device Server

Modular Wireless Device Server for ProfibusDP data integration



## Description

The IGW/400-PROFI is a modular system that can be used to set up an intelligent wireless bridge between an IEEE 802.11b/g-compatible wireless network and ProfibusDP network versions DPV1 and DPV2. The IGW/400-PROFI thereby assumes the role of a ProfibusDP slave. In order to be as flexible as possible to the particular needs of the user, the functionality of the IGW/400-PROFI can be customized with loadable scripts depending on the specifications. In addition to a fully protected RS232 interface and a 10/100 Mbps Ethernet interface on the back, the IGW/400-PROFI has an RS484-ProfibusDP connector and an RS232 debug interface on the front for convenient script debugging.

This setup makes the IGW/400-PROFI suitable for use as a coprocessor with its own interface for advanced data exchange functions between TCP/IP and ProfibusDP networks. Common tasks, e.g. data synchronization between actual Profibus values with values already saved in databases, are also possible, such as logging tasks with an IGW/400-PROFI polled by a master.

Scripts can be used to easily configure the IGW/400-PROFI. The debug interface can process generated scripts incrementally or data can be monitored and manipulated. The necessary programming environment to develop own scripts is part of the Starter Kit.

Power supply for the IGW/400-PROFI can range from 6 up to 30 VCD. The robust metal housing (131 x 70 x 26 mm) is also available for stationary use with DIN rail or wall mounting.

## IGW/400-PROFI features at a glance:

- Environment interface with ProfibusDP and debug connector
- IEEE 802.11b-compatible wireless interface
- Ethernet LAN interface 10/100 Mbps on board
- 1 x RS232 interface
- Efficient development environment
- Easy Profibus configuration via script

## Technical Data IGW/400-PROFI

### Wireless Interface

Wireless LAN	802.11b/g
Connection type	Antenna
Supported protocols	WEP, TCP/IP, UDP/IP, AutoIP, ARP, ICMP, SNMP, DHCP, TFTP, Telnet, HTTP

### Environment Interface

Environment Interface	Active via ProfibusDP Slave module (V1 und V2)
Environment I/O	1x Profibus RS485, 1x Debug RS232
Connection type	14-pin plug connector
ProfibusDP (RS485)	max. 12 Mbps; Signals: B-line, A-line, RTS, DGND without terminating resistor
Debug (RS232)	max. 9.600 bps; Signals: RxD, TxD

### Further Interfaces

RS232	max. 921.600 bps; Signals: DCD, RxD, TxD, RTS, CTS, DTR
Connection type	Sub-D, 9-pin
Ethernet	10/100 Mbps, automatic detection
Connection type	RJ-45

### Other

LED Indicators	1 x supply voltage, 1 x wireless activity
Power input	6..30 V DC
Power consumption	max. 3 W
Protection degree	IP20
Operating temperature	-20°C..70°C
Dimensions (L x W x H)	70 x 26 x 131 mm (without antenna)
Mounting	Desktop, wall- or DIN rail

### Main Functionality

Wireless Device Server with ProfibusDP and TCP/IP network stack

### Delivery

IGW/SK4-PROFI	IGW/400-PROFI, Antenna, Connector with adapter cable for power- and RS232 Sub-D, Wireless LAN-USB adapter, Power supply, Null modem cable, Screwdriver, Starter Kit CD-ROM with configuration tools, development environment and documentation.
IGW/400-PROFI	IGW/400-PROFI

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