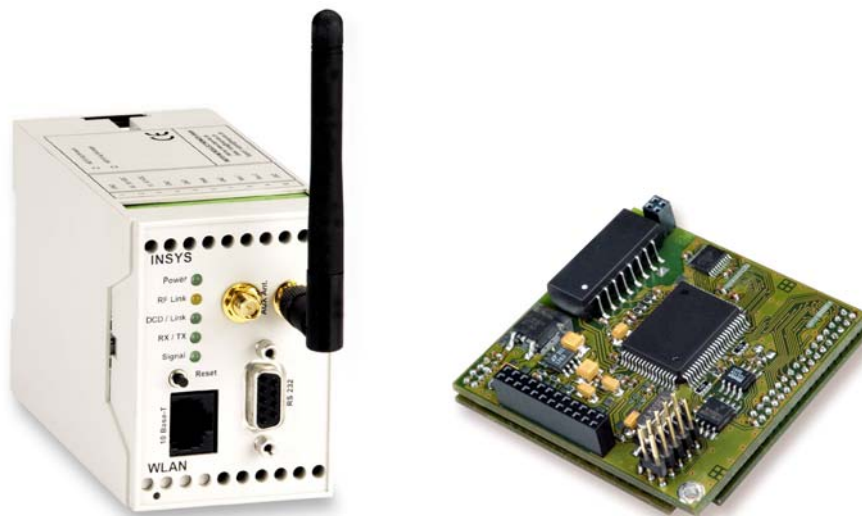


## WLAN communication devices from INSYS with extended functionality

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Regensburg – WLAN data communication devices from INSYS now come equipped with an updated firmware which can also be installed in older models. The company supplies two firmware versions, *serial 1.20* and *bridge 1.10*, for the two different WLAN device types: the *INSYS WLAN serial/bridge* is suitable for DIN rail mounting, while the *i-module WLAN serial/bridge* is an embedded communication module. The revised firmware features new functions, such as the search for available access points, the transparent transmission of digital I/O signals, an integrated power management and a DHCP client for automatic IP address assignment, thereby extending the performance range of the devices and facilitating applications. It also enables ARP/PING IP address assignment for *serial* models and supports automatic dial-up.



**Figure:** DIN rail WLAN data communication device  
and i-module WLAN device from INSYS

All WLAN communication devices from INSYS transmit data according to the IEEE 802.11b industry standard, providing a transfer rate of up to 11 Mbit/s. They can be operated in infrastructure mode (access points) and in ad hoc networks. Encoding is ensured by Wired Equivalent Privacy (WEP) at 64 or 128 bit. The serial adapters *INSYS WLAN serial* and *i-module WLAN serial* allow for the addressing of RS232 interfaces as IP ports in the network, which makes it possible to send serial data as TCP/IP packets. The free-of-charge, virtual COM port driver for Windows 2000/XP can serve as a remote station. This permits the use of standard configuration tools for remote configuration tasks, even if these tools are only designed for serial connections. The Ethernet WLAN bridges *INSYS WLAN bridge* and *i-module WLAN bridge*

enable the wireless integration of Ethernet devices or the wireless connection of network segments.