DIN rail
INSYS WLAN serial/bridge

Shape	Transmission technology: 3G/HSPA	GSM/GPRS/EDGE	xDSL	Ethernet	WLAN	Analogue	ISDN
DIN-rail serial	☐	☐	☐	☐	■	☐	☐
DIN-rail network	☐	☐	☐	☐		☐	☐
Desktop	☐	☐				☐	☐
19´´ rack						☐	☐
Embedded module	☐	☐	☐	☐	☐	☐	☐

Wireless network

INSYS WLAN series provide a wireless connection to a local area network (LAN) or to other WLAN devices.

INSYS WLAN serial and WLAN bridge are data communication devices for industrial applications on DIN rail for use in the cabinet.

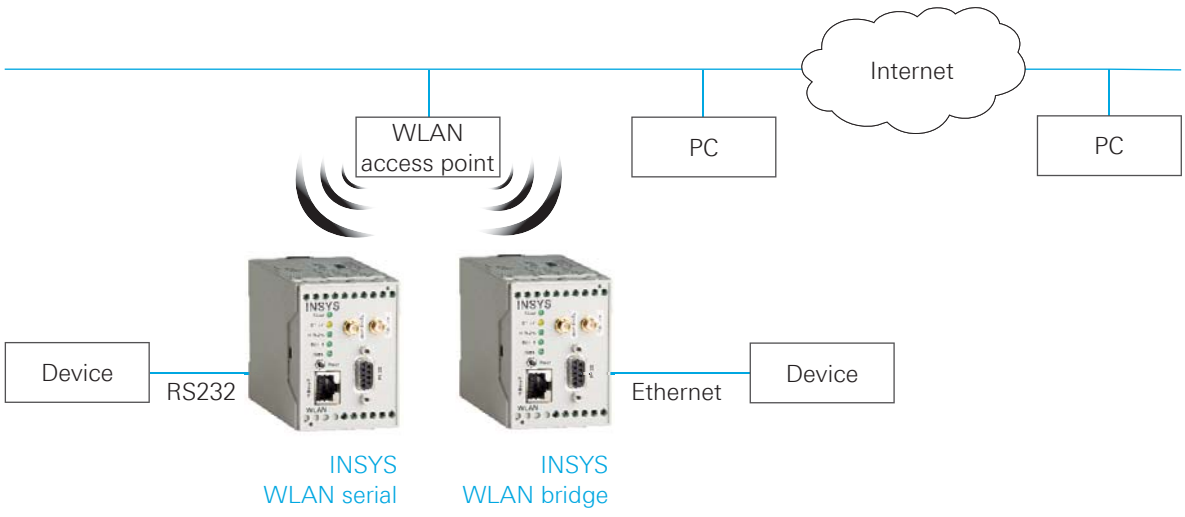
They transfer data in the wireless LAN according to standard IEEE 802.11b/g with up to 54 Mbit/s. WLAN connections are established to access points (infrastructure mode) as well as adhoc networks. The radio network is accessed by one or optionally two antennas. The radio connection is secured by WEP or WPA.

Features

- Industry standard: IEEE 801.11b/g
- Connection to access point or adhoc
- Secured by WEP or WPA
- Interfaces: RS232 or Ethernet
- Digital IOs

Applications

- Wireless access to control systems
- Data connection to mobile or rugged devices as well as in abrasive environments
- Transport / logistics
- Building automation



Technical data
INSYS WLAN serial/bridge

	INSYS WLAN serial	INSYS WLAN bridge
Functions	serial-WLAN-Gateway	Ethernet-WLAN-Bridge
Standards	Developped according to CE derectives, manufactured according to ISO 9002	
WLAN interface		
Standard	WLAN IEEE 802.11b/g	
Transmission speed	up to 54 Mbit/s	
Modus	Infrastructure (to Access Point) and Adhoc	
Antenna	2 reverse SMA connectors for up to 2 antennas (diversity)	
Wired interface		
Mechanical	RS232 (D-SUB-9 terminal)	RJ-45 terminal
Functional	asynchronous serial V.24/RS232, RS485 adapter driver control	Ethernet 10base-T
Speed	300 - 115,200 bit/s	10 Mbit/s
Data formats	8N1, 8E1, 8O1, 8N2, 7E1, 7O1, 7N2, 7E2, 7O2	
Flow control	Hardware (RTS/CTS) or none	
Protocols	ARP, ICMP, TCP/IP, UDP/IP, DHCP, DNS	ARP, ICMP, TCP/IP, UDP/IP, HTTP, DHCP
Configuration	local and remote: AT commands, configuration software HSComm, Telnet	local and remote: web interface
Additional features		
Firmware update	Flash (local and remote)	
Virtual COM-Port driver	available free of charge	
Security	WPA/PSK, 64/128-Bit WEP, user/password for remote configuration	
IO	2 inputs and 2 galvanic insulated outputs (IO transmission)	
Electrical features		
Power supply	10...60 V DC	
Power consumption	appr. 3 W	
Physical features		
Size in mm	110 l x 55 w x 75 h	
Temperature range	0 ... +55°C	
Humidity	0...95% (non condensing)	

Product description		Order number
INSYS WLAN serial	serial gateway	11-02-01-06-02.
INSYS WLAN bridge	bridge	11-02-01-06-03.

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