

DIN rail

INSYS SDSL

Shape	Transmission technology						
	3G/HSPA	GSM/GPRS/EDGE	xDSL	Ethernet	WLAN	Analogue	ISDN
DIN-rail serial	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DIN-rail network	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Desktop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19" rack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Embedded module	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Leased line for network linking

INSYS SDSL uses the existing copper lines for the fast transmission of data. Networks can be linked with up to 10 Mbit per second via telephone lines.

Through SDSL network data (Ethernet, IP) as well as serial data (RS232) are transmitted simultaneously. Two INSYS SDSL form a leased line for a transparent network connection (bridging, Ethernet extender), or connect two devided network segments as a router. The router contains all extended functions for security (firewall, VPN) and address administration (NAT, DHCP).

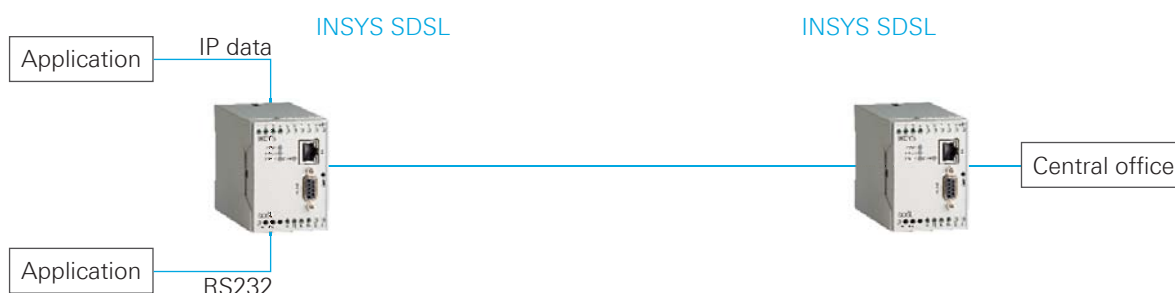
INSYS SDSL allows the access to the integrated embedded Linux system with permanent data system to realize user applications and scripts.

Features

- SDSL and SHDSL standard
- Data rate up to 2 x 5.7 Mbps (channel bundling)
- Range up to 15 km
- Linux Sandbox for own applications
- DIN rail mounting
- Power supply 10...60 V DC

Applications

- Network linking over long distances
- Integration of network devices
- Fast alternative for serial leased lines
- Video monitoring
- Remote desktop



Technical data

INSYS SDSL

Interface	
WAN	ETSI SDSL/SDSL.bis (ETSI TS 101 524 V1.2.1/2) ITU G.shdsl/shdsl.bis/hs (ITU-T G.991.2, G.991.2(2004), G.994.1), IEEE 802.3 2004 Data rate up to 2 x 5.7 Mbps (Channel bundling) Typical range up to 15 km (0,8 mm wire) or up to 7 km (0,6 mm wire) RJ-45 (Western) or detachable screw terminal Operation as CPE or CO
LAN	Ethernet 10/100BT, full and half duplex, auto negotiation RJ45 terminal, automatic recognition crossover/patch cable
RS232	serial-Ethernet-Gateway (incoming and outgoing connections, modem emulation) DSUB-9-terminal
Function	
Bridge	Transparent for IP traffic
Router	Routing via static IP configuration or DHCP client Full NAT (port forwarding, net mapping) Firewall VPN (OpenVPN, IPsec, PPTP)
IP services	DHCP server, DNS relay, Web proxy , NTP client, IPT client
E-Mail	Messages (SMTP)
SNMP	Versions 1, 2c, 3 (traps, get)
Programming	User access to embedded Linux (Sandbox) Permanent data system
Configuration	Web configuration local/remote Import/Export over binary and text file Automatic updates SNMP (get)
Electrical features	
Power supply	10...60 V DC
Power consumption	appr. 4 W (during connection)
Physical features	
Size in mm	110 l x 55 w x 75 h
Temperature range	-20°C ... +55°C
Humidity	0 ... 95% (non condensing)

Product description	Features	Order number
INSYS SDSL 1.0	SDSL/SHDSL	10000114

© INSYS 151105 - Subject to change without notice. Errors and omissions excepted.