

INSYS ISDN

Transferrmode system	Design			
	DIN rail	Embedded module	Desktop device	MoRoS
3G/UMTS	●	●		●
2G/GSM	●	●		●
Ethernet	●	●		●
WLAN	●	●		
Bluetooth		●		
Modem	●	●	●	●
ISDN	●	●	●	●

The INSYS ISDN 4.0 can easily be connected to the digital ISDN network.

The INSYS ISDN 4.0 enhances the pure data communication by alarming and security functions: alarms with a user defined text as an SMS, Fax or Mail are triggered by digital inputs. Remote control is protected by password. Selective call answer allows only data calls from specified numbers.

The digital outputs can be controlled remotely. They can be configured to display the connection status as well.

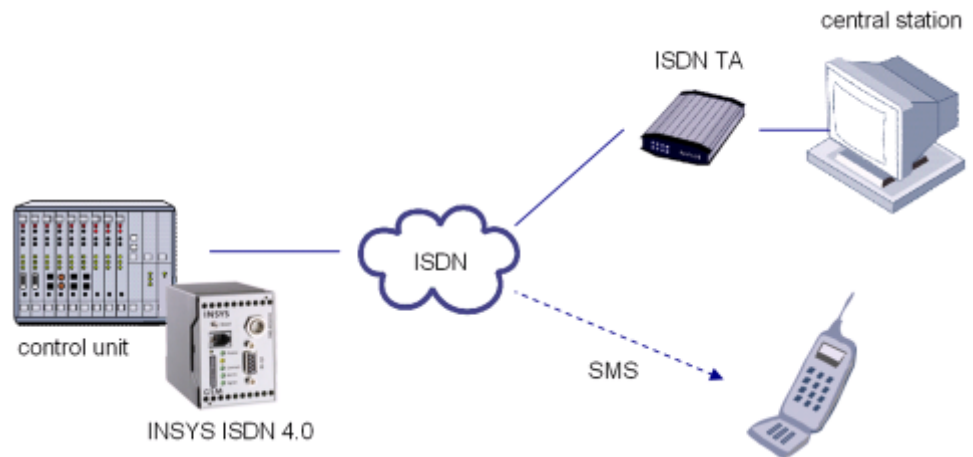


INSYS ISDN 4.0

- serial access: RS232
- control by AT commands
- data rate up to 128.000 bps (B/D channel)
- alarming and security functions
- digital inputs and outputs
- supply voltage 10V DC to 60V DC

Applications

- remote control and remote monitoring
- vending machines
- point of sale
- alarming
- buiding technology
- mobile data acquisition



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INSYS ISDN

Technical Data

network interface	ISDN network, DSS1
maximum data rate	64.000 bps (channel bundling 128.000 bps)
digital inputs/outputs	2 alarm inputs, 2 control outputs
watchdog	yes
Features	
configuration	AT commands and configurator over serial line, remote configuration
connection	auto answer mode, hardware and software handshake, auto bauding, idle connection control, number storage
alarm functions	triggered by alarm input or AT command: send SMS, establish data connection, transmit message over data connection
output control	AT command, configurator, connection status
security functions	password protection for remote control, number identification (CLIP) for connection and Security Callback
data formats	10 and 11 bit: 7E1, 7O1, 7N2, 7E2, 7O2, 8N1, 8E1, 8O1, 8N2
protocols	B channel: X.75, X.25/X.31, HDLC/PPP, V.110, V.120 asynchronous D channel: X.31 option
Electrical Features	
supply voltage	10V DC ... 60V DC
current consumption	40 mA
input / output	SPDT (single pole double throw) switches by galvanic insulated relays maximum voltage: 30V DC / 42 V AC maximum current: 1A DC / 0.5 A AC
serial line speed	1.200 – 230.400 bps
Physical Features	
size (w×l×h)	55×110×75 mm
environmental temperature	0...+70°C*
humidity	0...90% (non condensing)

* extended temperature range (-20°C - +70°C) available on request

Support

- operation manual
- samples
- configuration software
- hotline support

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Product name	Features	Order number
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