

INSYS Ethernet 5.1

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

The INSYS Ethernet 5.1 integrates any application simply into a local area network.

This serial ethernet gateway can be connected to any device in the local area network or in the Internet. A virtual COM port driver is available for applications that do not process IP data from the network free of charge. It represents the serial interface of the INSYS Ethernet 5.1 as a virtual serial port of the PC.

The INSYS Ethernet 5.1 extends the pure data communication by digital inputs and outputs and an alarming function: if the digital inputs are activated then user defined alarm messages are sent by email.



INSYS Ethernet 5.1:

- serial access: RS232
- control by AT commands
- alarm functions
- digital inputs and outputs
- supply voltage: 10V DC to 60V DC

Applications:

- Integration of serial devices into a LAN
- building technology
- vending machines
- point of sale
- data acquisition
- metering

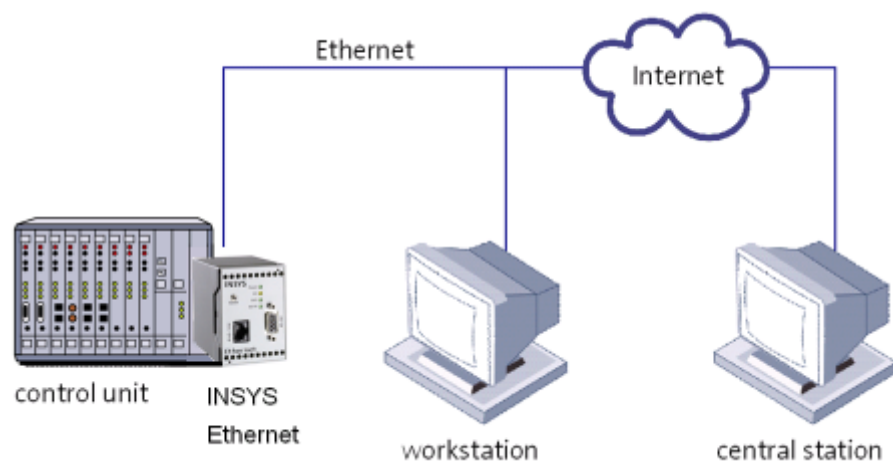
INSYS
MICROELECTRONICS GmbH
Waffnergasse 8
D-93047 Regensburg

Phone
+49 (0)9 41 - 56 00 61

Fax
+49 (0)9 41 - 56 34 71

E-Mail
insys@insys-tec.de

Internet
www.insys-tec.de



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Technical Data

network interface	Ethernet, 10Base-T, Twisted Pair									
maximum data rate	10 Mbps									
digital inputs/outputs	2 alarm inputs, 2 control outputs									
watchdog	yes									
Features										
configuration	AT commands over serial line, remote control over telnet, ARP-PING, DHCP, firmware-update via Telnet									
connection	automated connection start, auto answer mode, TCP and UDP modes, auto bauding, IP address memory, idle connection control , I/O tunnelling, DNS-scan									
monitoring digital input	AT command (local or remote)									
control, output	AT command (local or remote)									
data format	10 and 11 bit: 7E1, 7O1, 7N2, 7E2, 7O2, 8N1, 8E1, 8O1, 8N2									
protocols	ARP, ICMP, TCP/IP, UDP/IP, SMTP (send)									
Electrical Features										
supply voltage	10V DC ... 60V DC									
current consumption	12V 90 mA (idle) 100 mA (transmission – typical) 180 mA (transmission –maximum)									
input / output	<table border="1"> <thead> <tr> <th></th> <th>10V</th> <th>12V</th> </tr> </thead> <tbody> <tr> <td>busy:</td> <td>150 mA</td> <td>70 mA</td> </tr> <tr> <td>start up:</td> <td>250 mA</td> <td>120 mA</td> </tr> </tbody> </table>		10V	12V	busy:	150 mA	70 mA	start up:	250 mA	120 mA
	10V	12V								
busy:	150 mA	70 mA								
start up:	250 mA	120 mA								
serial line speed	300 – 115.200 bps									
Physical Features										
size (w×l×h)	55×110×75 mm									
environmental temperature	0...+55°C									
humidity	0...95% (non condensing)									

Support

- operation manual
- test samples
- configuration software
- hotline support

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D-93047 Regensburg

Phone
+49 (0)9 41 - 56 00 61

Fax
+49 (0)9 41 - 56 34 71

E-Mail
insys@insys-tec.de

Internet
www.insys-tec.de

Product name	Features	Order number
INSYS Ethernet 5.1	integration of serial devices	11-02-01-05-00.