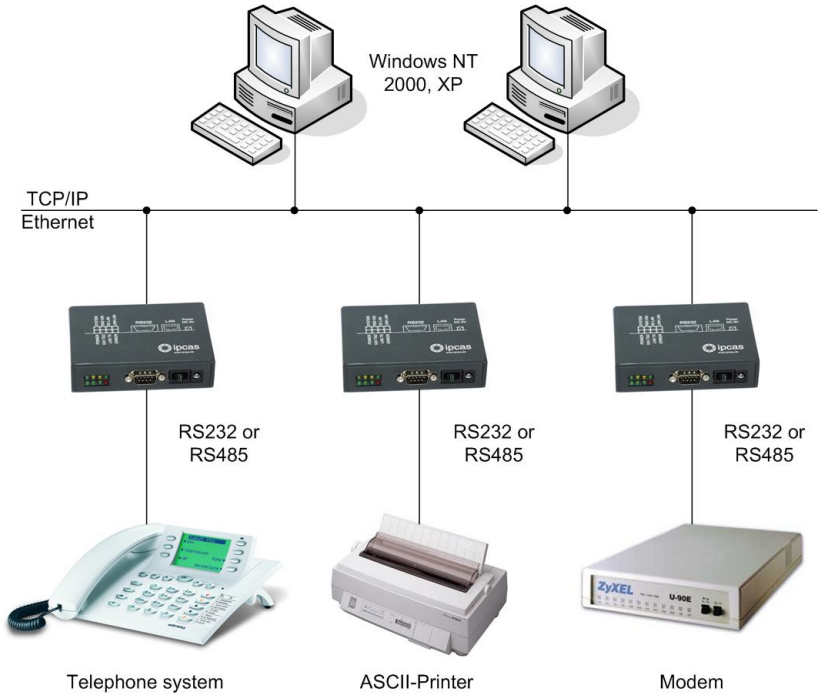
ipEther232
The Serial-Ethernet-Converter

The serial Ethernet converter ipEther232 makes possible controlling of for devices with RS232 or RS485 interface over the Ethernet, by means of a virtual COM Port. This behaves locally like a normal COM Port (e.g.: Com 5).

Each serial equipment, merged in the network, can be used from several work places.

For the safe transmission of sensitive data in the Ethernet, the interface converter has an integrated password protection.



The ipEther232 is characterised by its compact design, its simple integration and the various operational areas. The operational are the automation technology and the building control systems e.g.: CNC machines, testing sets, measuring instruments, telephone systems, modems, serial printers, serial displays and cash plants.

The interface converter ipEther232 is used directly at the machines, plants and test stands and this minimize the installation cost by having short connections to the RS232/RS485 interface.

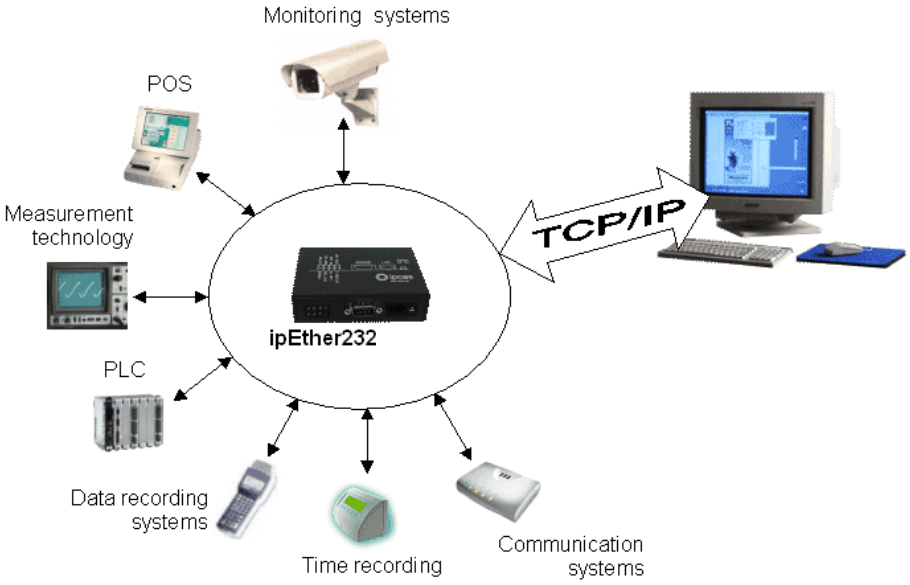
All attached ipEther232 converter are recognized automatically by the provided configuration software. A clear IP address and a virtual COM Port must be assigned to each serial Ethernet converter. The adjusted COM Port is used as a normal serial connection (full interface allocation) after the configuration on your computer.

For applications which do not run under Windows (NT, 2000, XP), the ipEther232.Modem can be used independently of the operating system.

ipEther232
The Serial-Ethernet-Converter

The ipEther232 with virtual COM-Port can be used in different fields.

Monitoring systems
Telemonitoring
POS
The readout of postings
Measurement technology
Data evaluation
PLC
Telecontrol / Monitoring / Programming
Data recording systems
Embedded systems via TCP/IP
Terminals
Visual display terminals via network
... and many others



Specifications

ipEther232		Desktop	DIN-Rail Unit	OEM Version
Interfaces		1 x RS232 or 1 x RS485 – SUB-D9 (full RS232) ➢ Baud rate: 2.400 up to 115.200 baud ➢ Parity: None, Even, Odd, Mark, Space ➢ Data: 8 Bits ➢ Stop: 1 or 2 Bits		
		1 x 10BaseT – RJ45 (for networks at 10/100 MBit/s)		
Diagnostic LEDs		Power, System, Error, RS232 or RS485 Send/Receive Ethernet Send/Receive/Link		
Voltage		+ 8 - 14 V DC - Input Jack	+ 8 - 14 oder 24 V DC [1] Input Jack and 3.5mm connector	+ 8 - 14 V DC – Input Jack 5 V DC male header on board
Housing		Plastic housing	Plastic housing	Without housing
Dimensions W/H/D		Approx. 45/108/73 mm	Approx. 45/108/73 mm	Approx. 100/20/70 mm
Operating / Storage temperature		5° C to 55° C / -10° C to 70° C		
Relative humidity		5 % to 90 % non-condensing		
Standards		CE		
Scope of delivery		ipEther232		
		External Power supply [2] Input: 230 V AC Output: + 9 V DC	Without power supply (Optional)	Without power supply (Optional)
		Configuration software, Windows (NT, 2000, XP) driver, Manual (German or English documentation)		
Order number	RS232	0202014	0202014-H 0202014-H24 0202014-H60	0202014-OEM
Order number	RS485	0202015	0202015-H 0202015-H24 0202015-H60	0202015-OEM

[1] Other voltages on request
[2] Delivery only to countries with 230 V AC 50Hz

24.06.2015
Subject to change without prior notice

ipcas products
Permanent establishment Erlangen
Data Respons GmbH
Gundstraße 15
D-91056 Erlangen
Phone +49 9131 7677 100
Fax +49 9131 7677 78
Internet http://www.ipcas.com
E-Mail dr-de-erl-info@datarespons.com

Data Respons GmbH
Registered office
Data Respons GmbH
Amalienbadstr. 41, Bau 53
DE-76227 Karlsruhe
Phone +49 721 480 887 10
Fax +49 721 480 887 11
Internet http://datarespons.de
E-Mail info@datarespons.de