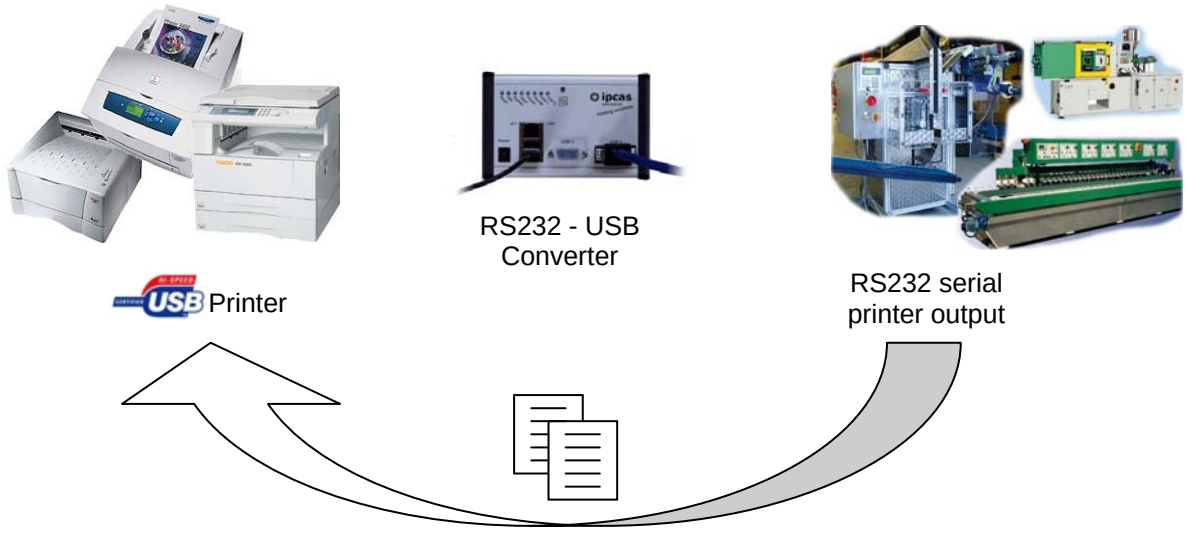
RS232 – USB Converter
USB Printer

USB Printer to Serial RS232 Interface

Printers with USB interfaces are capturing the market with increasing speed. So when the spare parts of your conventional log printers start to run out of stock or the printers as such can no longer be replaced this is what you can do:

Connect a **RS232 - USB Converter** to your existing printer interfaces with hardly any effort. No machine refitting required. The RS232 - USB Converter is ready to operate in no time, and prints out all logs and graphics with customary USB printers* in black and white or color.

With the **ipcas RS232 - USB Converter** you can replace your old log printer by a customary USB printer* very easily without having to install any additional printer drivers. You also do not have to convert your present machines or interfaces. The RS232 - USB Converter is almost maintenance-free, and opens up new opportunities for production plants to connect new log printer generations to older machines. With the compact ipcas converter your task becomes child's play: All you have to do is simply interconnect it.

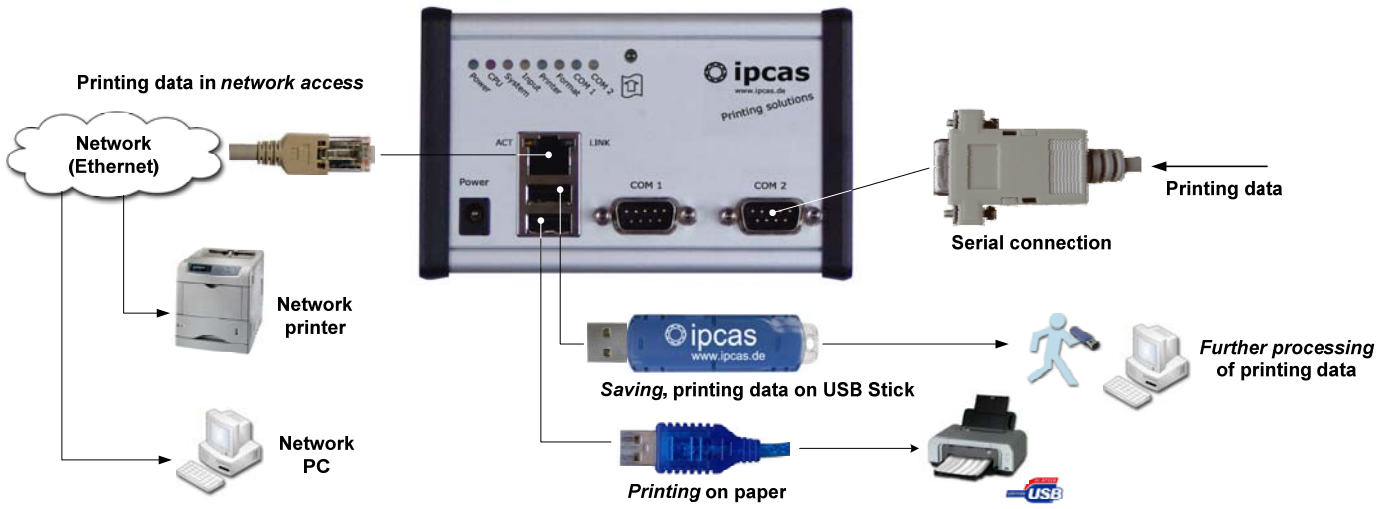


Optimized paper consumption
Cyclical logging considerably reduces the paper consumption of USB printers, also called page printers. The individual print lines are first collected in the **RS232 - USB Converter** and then printed out page by page in DIN A4 standard paper size. Omitted pages can be printed out manually any time by pressing a function push-button.

Increased data security
To increase data security the converter is equipped with a dynamic printer memory. During failures in the USB printer, more than 100 DIN A4 pages are available as intermediate storage. The accumulated printing data is automatically printed on paper as soon as the printing failure has been cleared, or alternatively, once a USB Stick is connected to the electronic storage.

RS232 – USB Converter
USB Printer

Printing, Saving, Network access



Easy to configure

Presettings and additional parameters such as the data signaling rate of the serial connection or activating time stamps for cyclical loggings can be quite easily adapted to or set for the **RS232 - USB Converter**. The configuration program is initiated from the provided USB Stick with a PC, and the parameters are set and saved. All you have to do then is to insert the USB Stick into the RS232 - USB Converter. The Converter takes over the settings independently and stores them internally. Future software updating can be performed with the USB Stick just as easily.

Specification

RS232 – USB Converter	Desktop model
Interfaces	➢ 2 x RS232 SUB-D9 connector, male (printer input) Baud rate: 300 to 115.200 baud ➢ 2 x USB 1.1 (printer output and storing on USB Stick) ➢ 1 x LAN 10/100 BaseT Ethernet, RJ45 connector (network access to printing data)
Function push-button	➢ 1 x Printing page from print storage
Real-time clock	Battery backed, TCXO, ± 60 sec time freewheeling / year (at 0° - 40° C) (for time stamp)
Diagnostics LEDs	Power, system, RX, TX, Printing status: input, buffer, print Ethernet: activity and link
Power supply	9 V DC input jack
Casing	Aluminum casing
Measurements W/H/D	Approx. 126/46/81 mm
Operating/Storage temperature	0° C to 55° C / -10° C to 70° C
Relative humidity	5 % to 90 %, non-condensing
Protection rating	IP40
Standards	CE
Scope of supply	RS232 – USB Converter, tabletop unit Switching power supply with input jack, Input: 100 – 240 V AC Output: + 9 V DC Configuration software for Windows (2000, XP, Vista), and Manual (English or German on USB Stick)
Purchase order number	0202035

* Some USB printers feature simple GDI (Graphics Device Interface) technology or offer a very special programming interface. Please note that these printers cannot yet be supported.

May 19, 2008
Subject to changes without prior notice

ipcas GmbH
Gundstraße 15
D-91056 Erlangen
Germany

Phone +49 (0)9131/ 7677-0
Fax +49 (0)9131/ 7677-78
Internet http://www.ipcas.de
E-mail info@ipcas.de