

## Anwendung/Application :

The diagram illustrates the EX-1338IS USB to RS-232 converter in a metal case. It is connected via USB to a Computer System and a Notebook. The converter also interfaces with several peripheral devices: Kassensysteme P.O.S. System, Kartenleser Card reader, Barcode Reader, LED Display, and Waagen/Balance. A photograph of the physical device is shown on the right, featuring eight RS-232 ports labeled 1 through 8.

## Operating System (OS):



## Geprüft/Approved:



## Verpackung/Packing:




## USB zu 8S Seriell RS-232 Port, Surge Protection & Isolation

Beschreibung :	<ul style="list-style-type: none"> <li>Das EX-1338IS USB 1.1 zu Seriell RS-232 Metallgehäuse stellt acht Serielle RS-232 High Performance UART 16C550 Ausgänge mit 15KV Surge Protection und 2.5KV Optical Isolation zur Verfügung. Es ist entwickelt worden um acht weitere Serielle Ausgänge in einem robustem Metallgehäuse für PC, kleine Workstation oder Server über den USB 1.1 oder 2.0 Bus zu erweitern die zusätzlich geschützt sind. Durch die einfache Installation muss der Rechner nicht geöffnet werden und der Artikel EX-1338IS kann bei laufendem Betrieb installiert werden.</li> </ul>
Merkmale :	<ul style="list-style-type: none"> <li>Schnittstelle: RS-232 V.24 / FIFO Buffer: 16C550 mit 16Byte</li> <li>ESD Surge Protection 15KV</li> <li>Optical Isolation 2.5KV</li> <li>I/O Adressen: wird vom Betriebs System vergeben</li> <li>Interrupt: wird vom System BIOS vergeben mit Interrupt Sharing</li> <li>Daten Bits: 5, 6, 7, 8 / Stop Bits: 1, 1.5, 2</li> <li>Parity: none, even, odd, space, mark</li> <li>Signale: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND</li> <li>Stromversorgung: vom USB Bus (Bus Power)</li> </ul>
Chip-Set :	<ul style="list-style-type: none"> <li>FTDI</li> </ul>
Datentransfer-Rate :	<ul style="list-style-type: none"> <li>50 Baud bis 115.2KBAud</li> </ul>
Anschlüsse :	<ul style="list-style-type: none"> <li>1 x B-Buchse Upstream</li> <li>8 x 9 Pin D-SUB Seriell Stecker</li> </ul>
Arbeitstemperatur : Luftfeuchtigkeit :	<ul style="list-style-type: none"> <li>0 bis 55°C</li> <li>5 bis 95%</li> </ul>
Hardwaresysteme :	<ul style="list-style-type: none"> <li>USB 1.1 oder 2.0</li> </ul>
Abmessung / Gewicht :	<ul style="list-style-type: none"> <li>150 x 70 x 40mm / 600g</li> </ul>
Lieferumfang :	<ul style="list-style-type: none"> <li>EX-1338IS, 1 x USB Kabel A-Stecker auf B-Stecker, Treiber CD, Handbuch</li> </ul>



## USB to 8S Serial RS-232 Port, Surge Protection & Isolation

Description:	<ul style="list-style-type: none"> <li>The EX-1338IS USB 1.1 to Serial RS-232 metal box provides eight high performance 16C550-type UART compatible RS-232 serial ports with 15KV Surge Protection and 2.5KV Optical Isolation. It is designed for PC, thin client or server to provide protected instant COM ports expansion in a robust metal box through the USB 1.1 or 2.0 Bus. With the easy installation you don't need to open the computer system and install the EX-1338IS when the system run.</li> </ul>
Feature :	<ul style="list-style-type: none"> <li>Interface: RS-232 V.24 / FIFO Buffer: 16C550 with 16Byte</li> <li>ESD Surge Protection 15KV</li> <li>Optical Isolation 2.5KV</li> <li>I/O addresses: Setting from the operating system</li> <li>Interrupt: Setting from the System BIOS with Interrupt Sharing</li> <li>Data Bits: 5, 6, 7, 8 / Stop Bits: 1, 1.5, 2</li> <li>Parity: None, even, odd, space, mark</li> <li>Signal: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND</li> <li>Power from the USB Bus (Bus Power)</li> </ul>
Chip-Set :	<ul style="list-style-type: none"> <li>FTDI</li> </ul>
Data transfer rate :	<ul style="list-style-type: none"> <li>50 Baud up to 115.2KBAud</li> </ul>
Connectors :	<ul style="list-style-type: none"> <li>1 x B-female connector</li> <li>8 x 9 pin D-SUB serial male connector</li> </ul>
Operating Temperature : Operating Humidity :	<ul style="list-style-type: none"> <li>0 up to 55°C</li> <li>5 up to 95%</li> </ul>
Hardware system :	<ul style="list-style-type: none"> <li>USB 1.1 or 2.0</li> </ul>
Size / Weight :	<ul style="list-style-type: none"> <li>150 x 70 x 40mm / 600g</li> </ul>
Packaging contents :	<ul style="list-style-type: none"> <li>EX-1338IS, 1 x USB cable A-male to B-male connector, Driver CD, Manual</li> </ul>