

Model Information



**■ Features**

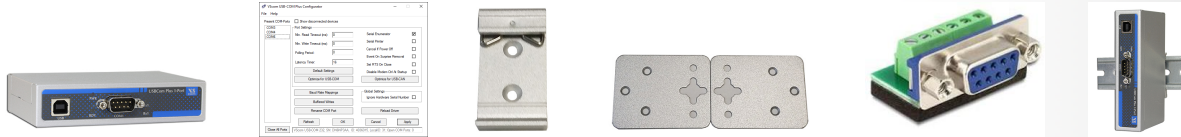
- 1 x RS232/422/485 port
- USB 2.0 Full Speed interface
- 2.5kV isolation per serial port
- USB and serial ports ESD protected
- Robust metal case
- Jumperless, DIP ports configuration
- Serial speed max. 1000(RS232) / 3000(RS485) kbps
- DIN-Rail and Wall mount options
- Bus powered, no external power supply
- Wide range operating temperature (-25°C - +75°C)

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# USB-COM Plus ISO (USB-COMi SI-M)

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**■ More Pictures**



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**■ Overview**

The modern USB-COM Plus ISO adapter connects one RS232 or RS422/485 device to your PC by a USB 2.0 Full Speed port. The serial port is isolated for 2.5kV. The serial port and USB are ESD protected, compliant to IEC 61000-4-2 (8kV contact/16kV air discharges).

The serial port supports RS232, RS422 and RS485 in Full-/Half-Duplex operation mode. The operation mode of the serial port is easy configured by one DIP. The configuration also activates built-in RS485 termination if required, no jumpers needed. Standard Drivers are available for all major operating systems.

The USB 2.0 Full-Speed enables serial data rates of up to 3Mbps in RS422/485 or 1000kbps in RS232 modes. The device also allows every non-standard bitrate up to 960 kbps.

All USB-COM Plus devices can be used to expand the serial ports for [NetCom Plus Device Servers](#).

**■ USB Interface**

<b>USB-Input</b>	USB 2.0 Full Speed, USB 1.1 compliant
<b>Connector</b>	USB type B
<b>Protection</b>	Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge

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**■ Serial Interface**

<b>Port</b>	<ul style="list-style-type: none"> <li>• 1 x RS232/422/485 configured by DIP switch</li> <li>• RS485 Termination configured by DIP switch</li> </ul>
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	<ul style="list-style-type: none"> <li>• Polarization/BIAS not required</li> <li>• Connector DSub-9 male</li> </ul>
<b>Speed</b>	<ul style="list-style-type: none"> <li>• RS232: 180bps - 921.6/1000kbps</li> <li>• RS422: up to 3Mbps</li> <li>• RS485: up to 3Mbps</li> </ul>
<b>Available Modes</b>	<ul style="list-style-type: none"> <li>• RS232 full duplex</li> <li>• RS422 full duplex</li> <li>• RS485 4-wire, full duplex</li> <li>• RS485 2-wire, half duplex (bus-mode)</li> </ul>
<b>Signals</b>	<ul style="list-style-type: none"> <li>• RS232: TxD, RxD, RTS, CTS, GND</li> <li>• RS422: Tx+/-, Rx+/-, GND</li> <li>• RS485 4-wire: Tx+/-, Rx+/-, GND</li> <li>• RS485 2-wire: Data+/-, GND</li> </ul> <p>All signals isolated for 2.5kV</p>
<b>Protection</b>	<ul style="list-style-type: none"> <li>• Galvanically isolated 2.5kV</li> <li>• Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge</li> </ul>
<b>Configuration</b>	One DIP switch defines operation mode and RS422/485 termination

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## ■ Software

<b>Driver</b>	<ul style="list-style-type: none"> <li>• Windows 2000 to Windows 10 (x86 and x64)</li> <li>• Windows Server 2000 to 2012 (x86 and x64)</li> <li>• Linux (Kernel 2.6 and later built-in)</li> <li>• Mac OS X</li> </ul> <p>Installation by automatic download from the Internet</p>
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## ■ Power and Environment

<b>Connector</b>	USB bus powered, no external supply
<b>Protection</b>	Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge
<b>Dimension</b>	115×73×25 mm <sup>3</sup> (W×L×H)
<b>Operating Temp</b>	-25°C - 75°C
<b>Storage Temp</b>	-30°C – 85°C
<b>Case</b>	SECC sheet metal (0.8mm)
<b>Weight</b>	0.25kg
<b>Mounting</b>	<ul style="list-style-type: none"> <li>• DIN-Rail (optional)</li> <li>• Wall mount (optional)</li> </ul>
<b>LEDs</b>	LEDs for Power, Ready, serial Tx, Rx

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## ■ Ordering Information

<b>603</b>	USB-COM Plus ISO (1x RS232/422/485, isolated)
<b>601</b>	USB-COM Plus (1x RS232/422/485, non-isolated)

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## ■ Options

<b>6692</b>	DK-NCP DIN-Rail mounting kit
<b>6693</b>	WK-NCP Wallmount kit
<b>663</b>	6-pin Terminal block adapter to DB9 female

■ **Packaging**

**Packing list**

USB-COM Plus ISO device

## USB-COM Plus ISO

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# USB-COM Plus Configurator

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VScom USB-COM Plus Configurator

File Help

Present COM-Ports  Show disconnected devices

COM3  
COM4  
COM6

Port Settings

Min. Read Timeout (ms):

Min. Write Timeout (ms):

Polling Period:

Latency Timer:

Serial Enumerator

Serial Printer

Cancel If Power Off

Event On Surprise Removal

Set RTS On Close

Disable Modem Ctrl At Startup

Default Settings

Optimize for USB-COM

Optimize for USB-CAN

Baud Rate Mappings

Buffered Writes

Rename COM Port

Global Settings

Ignore Hardware Serial Number

Reload Driver

Refresh

OK

Cancel

Apply

Close All Ports

VScom USB-COM 232, SN: DN6NP3AA, ID: 4036015, LocalID: 31; Open COM Ports: 0

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**DIN-Rail Mounting Kit**

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## Wall Mounting Kit

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## Terminal Block Adapter

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USB-COM Plus ISO on DIN-Rail

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