

## Model Information



### ■ Features

- 1 x RS232
- USB 2.0 Full Speed interface
- USB and serial ports ESD protected
- Robust metal case
- Serial speed max. 460.8 (500) 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 ECO (USB-COM-M)

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### ■ More Pictures



Click on the thumbnails for the large picture ...

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### ■ Overview

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

Standard Drivers are available for all major operating systems.

The USB 2.0 Full-Speed enables serial data rates of up to 500kbps, and also allows every non-standard bitrate.

The USB-COM ECO is an alternative to the VScom USB-COM-M.

### ■ 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>	1 x RS232, Connector DSub-9 male
<b>Speed</b>	180bps – 460.8/500kbps
<b>Signals</b>	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
<b>Protection</b>	Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge

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## ■ Software

### Driver

- Windows 2000 to Windows 10 (x86 and x64)
- Windows Server 2000 to 2012 (x86 and x64)
- Linux (Kernel 2.6 and later built-in)
- Mac OS X

Installation by automatic download from the Internet

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## ■ Power and Environment

### Connector

USB bus powered, no external supply

### Power

5V@50mA via USB port; max. 0.25W

### Protection

Compliant with IEC 61000-4-2 ESD 8kV contact / 16kV air discharge

### Dimensions

50×72×22 mm<sup>3</sup> (W×L×H) Case  
72×72×22 mm<sup>3</sup> (W×L×H) with mounting wings

### Operating Temp.

–25°C - +75°C

### Storage Temp.

–30°C – 85°C

### Case

SECC sheet metal (1mm)

### Weight

120 g

### Mounting

Desktop use

- DIN-Rail (optional)
- Wall mount

### LEDs

LEDs for Power (Red), serial Tx (Green), Rx (Yellow)

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## ■ Standards

### Declarations

CE, FCC

### EMI

- EN 55022 Class B
- 47 CFR FCC Part 15 Subpart B

### EMS (EN 55024)

- EN 61000-4-3: Radiated RFI
- EN 61000-4-4: Electrical Fast Transient
- EN 61000-4-5: Surge
- EN 61000-4-6: Induced RFI
- EN 61000-4-8: Power Frequency Magnetic Field
- EN 61000-4-11: Power supply dips

### ESD

EN 61000-4-2 4kV contact 8kV air for

- Serial Port
- USB

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## ■ Ordering Information

### 633

USB-COM ECO (1x RS232, non-isolated)

### 634

USB-COM ECO ISO (1x RS232, isolated)

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## ■ Options

### [662](#)

DK 35A  
DIN-Rail mounting kit

### [661](#)

Serial Null-Modem adapter 9PF-9PF, change male to female

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## ■ Packaging

### Packing list

- USB-COM ECO device
- USB 2.0 High-Speed cable
- 4 rubber feet for table mode

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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):  Serial Enumerator

Min. Write Timeout (ms):  Serial Printer

Polling Period:  Cancel If Power Off

Latency Timer:  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

Global Settings

Buffered Writes

Ignore Hardware Serial Number

Rename COM Port

Reload Driver

Refresh

OK

Cancel

Apply

Close All Ports

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