

Model Information



■ Main Features

- USB 2.0 to 8 x RS232 ports
- High-Speed serial ports 460.8kbps
- Driver for Windows, Linux, Mac OS X
- LEDs for Power/Ready and TxD/RxD activity
- ESD protection on USB and serial ports
- Bus powered
- Ruggedized metal housing
- DIN-Rail and wall mount options
- Wide range of operating temperatures

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USB-8COM ECO (USB-8COM-M)

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■ More Pictures



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■ Overview

The USB-8COM ECO provides easy serial port expansion over USB 2.0 connecting to high speed RS232 devices. All USB-xCOM Eco converters are fully ESD and surge protected, bus powered and accommodated in a small metal case. Furthermore, it can operate across a large range of temperatures to cope with harsh operating conditions. Lastly, DIN-Rail and wall-mounting options are available.

Easy Serial Ports Configuration

The serial ports support all 9 signals of RS232 protocol. LEDs for PWR, RDY and TxD/RxD for each port clearly show the activity status for the user. Com Port drivers are available for Windows, Linux and Mac OS X. "USB COM Configuration Utility" allows easy access to special Windows driver options to optimise settings and performance.

High Speed Rates and ESD Protection

USB 2.0 High Speed connection allows serial data rates of up to 460.8kbps. Every non-standard bitrate (e.g. 31250bps for MIDI) can easily be set up. USB-xCOM ECO systems are fully ESD protected at the USB and serial port interfaces.

■ USB Interface

USB-Input	USB 2.0 High Speed, USB 1.1 compliant
Connector	USB type B
Circuits	FTDI FT4232H Genesys GL850G

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■ Serial Interface

No. of Ports/Type	8 x RS232
Connector	DB-9 male

Protection	16kV ESD surge protection
Signals	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
Data Bits	7, 8
Stop Bits	1, 2
Parity	None, Even, Odd, Mark, Space
Flow Control	RTS/CTS, XON/XOFF
Baudrate	180bps - 460.8/500kbps
LEDs	TxD/RxD for each port

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■ Software

Drivers	• Windows 2000 to Windows 10 (x86 and x64) • Windows Server 2000 to 2016 (x86 and x64) • Linux (Kernel 3.4 and later built-in) • Mac OS X
Installation	The driver is already installed (Linux), or installs by automatic Download after Device connection (Windows).

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■ Power Requirement

Input Voltage	5V (USB)
Power Consumption	max 420mA, 2.1W
Connector	USB Type B, bus powered, no external supply

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■ Housing and Mounting

Case	0.8mm sheet metal
Weight	150g, w/h box 0.6kg
Dimensions	108×129×25 mm ³ (W×L×H)
Packaged	155×168×58 mm ³
Mounting	Desktop use • DIN-Rail (optional) • Wall mount (optional)

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■ Environmental Data

Operating Temp	−25°C - 75°C
Storage Temp	−30°C – 85°C
Ambient Humidity	5-95% non condensing

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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 Ports • USB

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■ MTBF (Mean Time Between Failures)

08.11.22, 15:42

622_data

MTBF	28.1 Years @ 25°C 16.2 Years @ 45°C
Standard	Telcordia (Bellcore) Standard; RelCalc. 5.0 BELL-7
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■ Warranty	
Warranty Period	2 years
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■ Ordering Information	
622	USB-8COM ECO (8x RS232)
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■ Options	
6695	DK ECO DIN-Rail 34mm mounting kit
6693	WK-NCP Wallmount kit
661	Serial Null-Modem adapter 9PF-9PF, change male to female
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■ Packaging	
Packing list	• USB-8COM ECO device • USB 2.0 High-Speed cable • 4 rubber feet for table mode
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USB-8COM ECO
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 VScom USB-COM Plus Configurator

File

Help

Present COM-Ports

COM3

COM4

COM6

☐ Show disconnected devices

Port Settings

Min. Read Timeout (ms):

0

Min. Write Timeout (ms):

0

Polling Period:

0

Latency Timer:

16

Default Settings

Optimize for USB-COM

Serial Enumerator

☒

Serial Printer

☐

Cancel If Power Off

☐

Event On Surprise Removal

☐

Set RTS On Close

☐

Disable Modem Ctrl At Startup

☐

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

DIN-Rail Kit
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Wall Mount Plates

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