

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
- Metal Housing, 19-inch Rack and Wall mounts
- Wide range operating temperature

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USB-8COM-RM ECO

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■ More Pictures



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■ Overview

The USB-8COM-RM 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, also bus powered. The USB-8COM-RM ECO comes in a 19-inch rack-mountable 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 7 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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Drivers	<ul style="list-style-type: none"> 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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Input Voltage	5V (USB)
Power Consumption	max 420mA, 2.1W
Connector	USB Type B, bus powered, no external supply

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Case	0.8mm sheet metal
Weight	150g, w/h box 0.6kg
Dimensions	196×147×44 mm ³ (W×L×H)
Packaged	310×192×60 mm ³
Mounting	<ul style="list-style-type: none"> 19-inch Rack Wall mount

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

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Declarations	CE, FCC
EMI	<ul style="list-style-type: none"> EN 55022 Class B 47 CFR FCC Part 15 Subpart B
EMS (EN 55024)	<ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Serial Ports USB

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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

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■ Options

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

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■ Packaging

Packing list

- USB-8COM-RM ECO device
- USB 2.0 High-Speed cable
- Mounting brackets for 19-inch rack
- Wallmount plates
- 4 rubber feet for table mode

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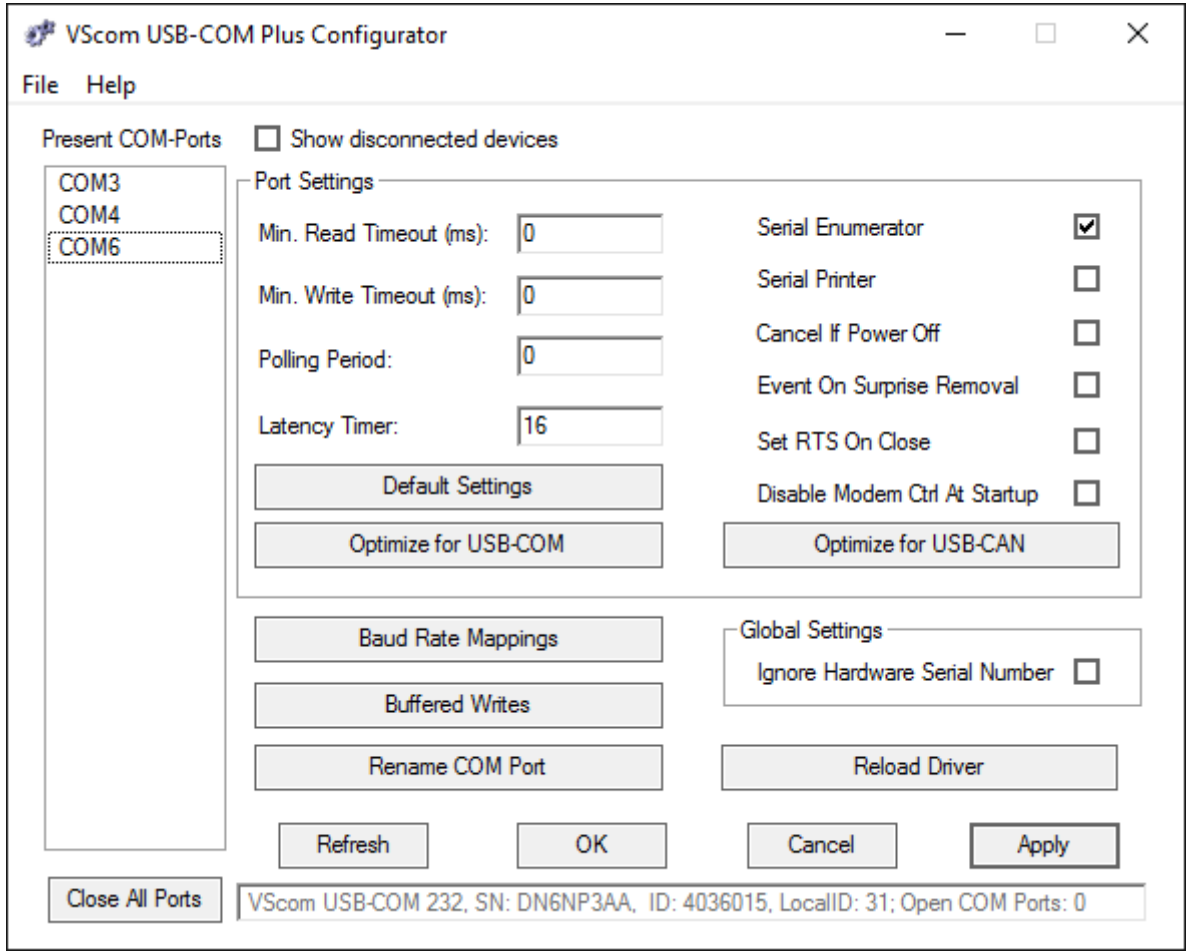
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USB-COM Plus Configurator

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Rackmount Kit

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Wall Mount Plates

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