

Model Information



■ Main Features

- 1 Port serial
- 3.3V signal level
- 5V USB output
- Speed up to to 3000 kbps
- no external power supply

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VScom USB-COM TTL

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■ More Pictures



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■ Overview

Serial ports on USB allow further use of existing devices, even when the computer doesn't offer serial ports.

The high speed serial port with the 128 byte FIFO allow high speed communication, even in heavy loaded systems. Unique features reduce the system load. The serial port also allows unusual speed settings like 500.000bps.

USB-COM TTL provides signals on 3.3V TTL level for special applications.

■ USB Interface

USB-Input	USB 2.0 Full Speed, USB 1.1 compliant
Connector	USB type A on fixed cable
Circuits	FTDI FT232R

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■ Serial Interface

No. of Ports/Type	1 x TTL			
Connector	Separate Pins			
Signals		Cable Colour	Signal	Voltage
	1	Black	GND	GND
	2	Brown	CTS	3.3V
	3	Red	VCC	5V (USB)
	4	Orange	TxD	3.3V
	5	Yellow	RxD	3.3V
6	Green	RTS	3.3V	
Data Bits	7, 8			
Stop Bits	1, 2			

Parity	None, Even, Odd, Mark, Space
Flow Control	RTS/CTS, XON/XOFF
Baudrate	180bps – 3000kbps
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■ Software	
Drivers	<ul style="list-style-type: none"> • 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	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	5V @40mA max, 0.2W
Connector	USB Type A, bus powered, no external supply
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■ Housing and Mounting	
Case	molded plastic
Weight	45g
Dimensions	34×65×18 mm ³ (W×L×H)
Mounting	Desktop use
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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	<ul style="list-style-type: none"> • EN 55022 • 47 CFR FCC Part 15 Subpart B
EMS (EN 55024)	<ul style="list-style-type: none"> • EN 61000-4-3: Radiated RFI • EN 61000-4-8: Power Frequency Magnetic Field
ESD	EN 61000-4-2 4kV contact 8kV air for Serial Port
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■ Warranty	
Warranty Period	2 years
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■ Ordering Information	
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■ Packaging	
Packing list	<ul style="list-style-type: none"> • VScom USB-COM TTL Adapter • USB cable 1,8m fixed
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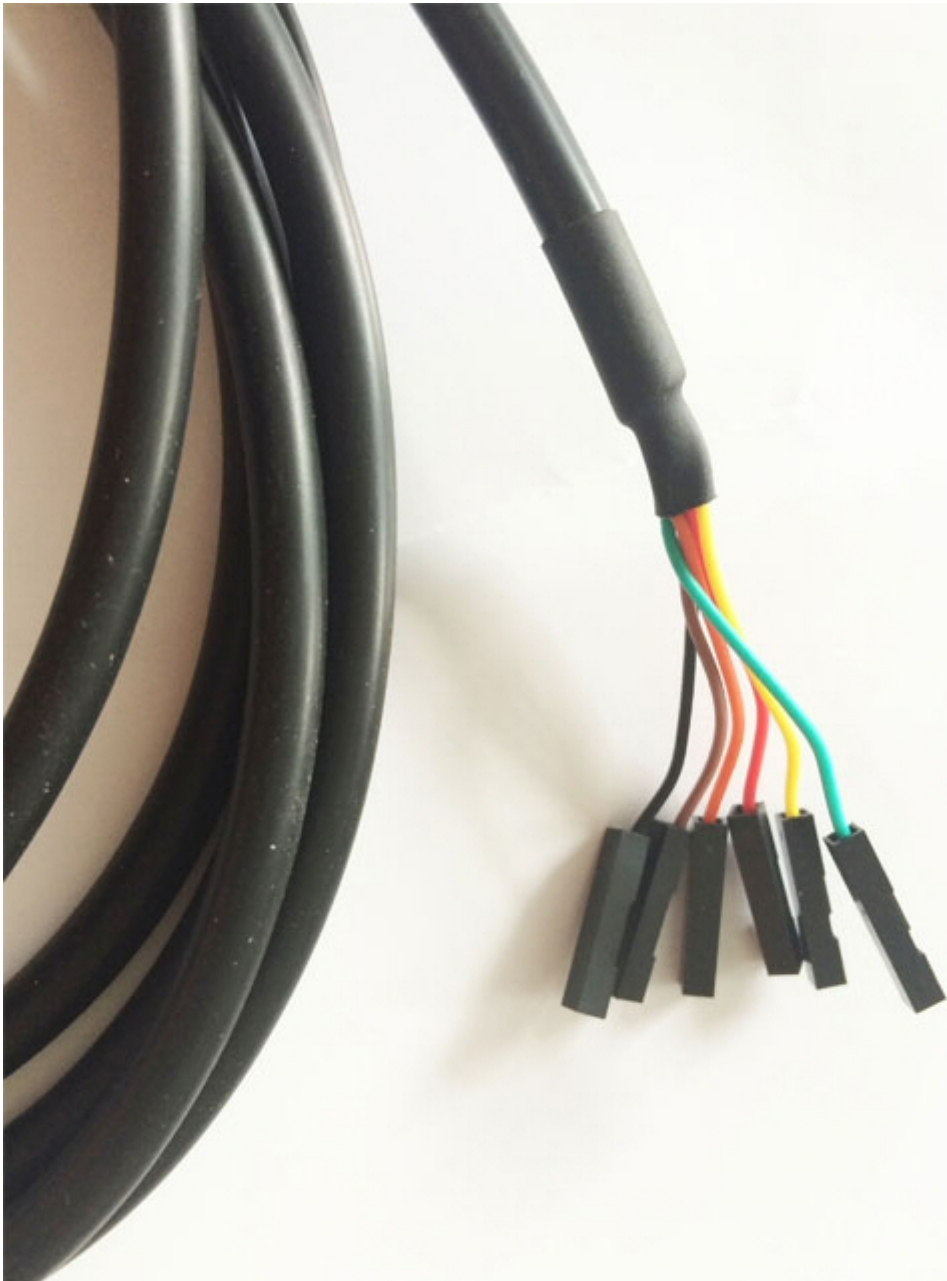
USB connector and circuits

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TTL signal wires and connector

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