

# USB to RS232 Serial Adapter - Dual

Part no.: Y-106



- Port powered from USB port
- Baud rates up to 230400bps
- DB9 thumbscrew interface
- MosChip processor
- Electrostatic protection
- Compatible with most operating systems

This is a convenient dual port USB to serial adapter; it features two high-speed serial RS232 ports which, once the drivers are installed, both will show up in your operating system's Device Manager as a two virtual COM ports each with its own COM port number, which can be used as if they were actual built-in COM ports.

The adapter circuitry is designed with the very high quality processor chip MCS7820CV-AA chip from Moschip, which ensures compatibility with a majority of serial devices and most current operating systems.

Once the drivers are installed this adapter works as a Plug'n'Play device, simply connect it to your USB port and its ready to use.

This USB to serial adapter has protection against static electricity for up to 15KV which is sufficient for most general commercial, laboratory and consumer projects; however for industrial projects and very sensitive applications we recommend using an optically isolated USB to serial adapter to protect your devices and data against damage from high-voltage spikes.

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## Specifications

SPECIFICATIONS	
Model number	Y-106
Recommended operating system	<ul style="list-style-type: none"> <li>Windows 8 32/64, Windows 7 32/64, Vista 32/64, XP 32/64, Server 2003/8R2 32/64, 2000, ME, 98Se</li> <li>Linux</li> <li>Mac OS 8, OS 9, OS X</li> </ul>
Baud rate	Up to 230400bps, auto detection
Power	Port powered from USB port
RS232 interface	2 x DB9 male connector with thumb-screws
USB interface	Male type A
Chipset	Moschip MCS7820CV-AA
Power on pin 9	No
Parity	None, Odd, Even, Mark, Space
Data bits	7, 8
Stop Bits	1, 2
Flow Control	None, Xon/Xoff, Hardware
Indication LEDs	TX, RX and Power
Buffer size	16 Byte hardware data buffer (up/down stream)
RS232 output power	~5.5VDC
Serial signals	DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI
USB signals	VCC, DATA+, DATA-, GND, FG
Flow control	Automatic. No IRQ Conflicts, no IRQs, IO or DMA required
Cable length	6 feet (1.82 meters)
Current draw	Less than 100mA
ESD static protection	15KV / 600W/ms
Compliance	EIA/TIA RS-232C, USB: v1.0, 1.1, 2.0
Operating humidity	5% To 95% - No Condensation
Operating Temp.	-20°C to 60°C
Certifications	CE, FCC, RoHS
Warranty	2-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050

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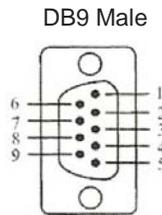
Feel free to contact our technical support team at:

[mail@usconverters.com](mailto:mail@usconverters.com)

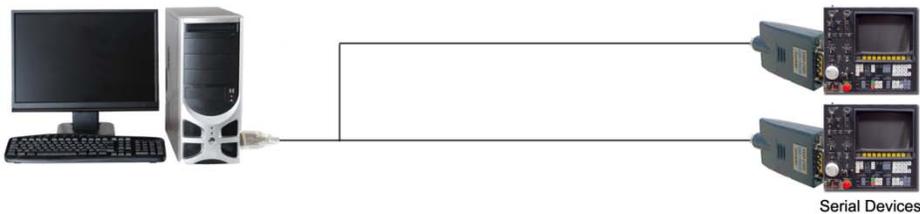


Connection table

Pin no.	RS232 DB9 Male
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI



Connection example



**Please download drivers and driver installation instructions for this product at:**

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