

USB-A to Serial Adapter Cable with 9 x LED

FTDI FT232RL · 9 Signal LEDs · ESD Protection · Bit-Bang GPIO

Model No.: RS232-ESD9A

Version: v1.0

The flykantech.com RS232-ESD9A 1-Port FTDI USB Type-A to RS232 Adapter, featuring the FT232RL Chipset, is engineered for Industrial Applications where reliability and performance are crucial. This adapter is ideal for a wide range of industries, including Automation Systems, Data Acquisition, Manufacturing Environments, and any Application Requiring Stable and Secure Serial Communication. Designed for professionals in high-demand environments, it ensures durable and long-lasting operation in industrial setups.

Equipped with Real-Time Serial Signal Monitoring, the RS232-ESD9A features 9 x LEDs (TXD, RXD, RTS, CTS, DSR, DTR, RI, CD), offering immediate visual feedback on the status of communication. These LEDs allow users to easily track data flow and diagnose communication issues on the fly, making troubleshooting faster and more efficient. With robust ESD Protection (8kV-15kV per IEC 61000-4-2 Standard), the adapter shields your devices from the dangers of Electrostatic Discharge and touch-based interference. This protection is essential for safeguarding sensitive equipment from harmful static buildup. The USB Type-A-powered RS232-ESD9A is designed for quick and easy installation, with no need for external power supplies, and offers cross-platform compatibility with Windows, macOS, and Linux.



Features

- FTDI FT232RL Chipset – Stable and reliable serial communication
- Connects standard serial devices via USB-A to DB9 male interface
- 9 Signal LEDs – TXD, RXD, RTS, CTS, DSR, DTR, RI, CD
- Bit-Bang GPIO Support – Use UART pins as programmable GPIO via D2XX
- USB bus-powered, no external power supply required
- Compatible with Windows, macOS and Linux

Applications

- Industrial Automation with Dual Serial Devices
- Device Debugging Requiring Two RS232 Connections
- Embedded Systems Needing Two Serial Interfaces
- Data Acquisition from Dual Serial Sources
- POS Systems with Multiple Serial Peripherals
- ✧ A separate adapter or cable is required for RS-232C devices with other connector types.

Technical Specifications

Connector A	1 x USB Type A (Male)
Connector B	1 x RS232 9 way (Male)
Power Source	Bus-powered
Number of Ports	1
Interface	Serial
Interface Standard	USB 1.1, RS232
Port Style	Cable Adapters
Industry Standards	USB 2.0/1.1 RS-232
LED Indicators	TXD, RXD, RTS, CTS, DSR, DTR, RI, CD
Data Bits	7/8 Data Bits, 1/2 Stop Bits
FIFO	128 Bytes RX / 256 Bytes TX
Flow Control	RTS/CTS, DTR/DSR, X-ON/X-OFF
Parity	None, Odd, Even, Mark, Space
Max Baud Rate	921.6 Kbps

Related Products

USB232A-B	1-Port USB to RS232 w/ 3 LED	2016
USB232A-E	1-Port USB to RS232 w/ 9 LED	2021
4XRS232	4-Port USB to RS232 Hub	2021
RS Gender Changer		
RD232F2F	RS232 Gender Changer (F/F)	-
RD232M2M	RS232 Gender Changer (M/M)	-
In Console Cable		
U2RJ45-FT181	USB RJ45 Cisco console cable	2020
Null Modem		
NM232F2F/NM232M2M		-

Accessories

1 x USB-A to RS232 Adapter with 9 x LED