D-TECH USB2.0 Male To RS422 RS485 Serial

Variants

1.2M 2M

Details

D-TECH DT-5019 USB 2.0 to RS422 / RS485 DB9 Serial Converter Cable

The **D-TECH DT-5019 USB to RS422/RS485 Converter Cable** is a professional industrial communication solution designed for **PLC controllers, industrial automation systems, access control systems, parking systems, attendance systems, industrial computers, and serial communication applications**.

This converter cable supports both **RS422 and RS485 serial communication standards**, providing stable long-distance data transmission with high compatibility across Windows, Linux, and macOS systems.

Key Features

USB 2.0 to RS422 / RS485 serial converter cable
Supports industrial RS-485 and RS-422 communication
Built with original FTDI FT232RL chipset
Stable and high-speed serial communication
Automatic serial port signal speed detection
Long-distance communication support up to 1200 meters

DB9 serial interface connection
LED indicators for power, TX, and RX status
USB powered design without external adapter
Compatible with Windows, Linux, and macOS

Technical Specifications

Parameter	Specification
Product Name	USB 2.0 to RS422 / RS485 Converter Cable
Brand	D-TECH
Model	DT-5019
USB Interface	USB 2.0 Type-A Male
Serial Interface	DB9 RS422 / RS485
Compatibility Standards	EIA/TIA RS-485 and RS-422
Main Chipset	FTDI FT232RL + SP485 Dual Chip
Communication Speed	300bps ~ 460800bps
Communication Distance	USB: 0~5m / RS422-485: 0~1200m
Power Supply	USB Powered
Signal Indicators	Power (Red), TX (Green), RX (Yellow)
RS-485 Signals	T/R+, T/R-, GND
RS-422 Signals	TX+, TX-, RX+, RX-, GND

Parameter	Specification
DB9 Pin Signals	T/R+, T/R-, RXD+, RXD-, GND
Warranty	1 Year

Supported Operating Systems

Windows 10 / 8 / 8.1 / 7
Windows Server 2008
Windows XP / Vista
Linux
macOS (OS-X)

Applications

Industrial Automation Control Systems
PLC Controllers
Industrial Computers
Access Control Systems
Parking Management Systems
Attendance Machines
Power Monitoring & Control Systems
Serial Communication Devices

Note: Proper RS422/RS485 wiring and grounding are recommended for stable long-distance industrial communication performance.

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