E810-RS-U01 User Manual

USB to RS485/RS232 Serial Converter



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1 Overview

1.1 Introduction

E810-RS-U01 is an intelligent universal converter that converts USB signal to RS485/RS232 signal. It is designed in accordance with universal standards.It solved the superposition of valid and invalid signals on the transmission circuit, error-free data transmission speed is as high as 1M.



1.2 Function

- Fits with all 485 and 232 serial interfaces;
- USB direct power supply, without external power supply, provides stable performance;
- With receiving and sending indicators to monitor the data transmission status;
- For Win 98, Win 2000, XP/Vista/Win 7, Win 8, Linux;
- Max. baud rate is 1M for RS485, and 230460bps for RS232.

2 Parameters

2.1 Operating Parameters

Operating voltage	5V
Serial baud rate	RS485：300～1Mbps RS232：300～230400bps
System	Win98, 2000, XP/Vista/Win7, 8, Linux, etc.
Operation temperature	-40～85℃
Operation humidity	RH：5%～95%
Dimension	70×27×12mm

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3 Pin Definition



Pin No.	Name	Signal
1	A	RS485 device A
2	B	RS485 device B
3	GND	RS232 GND
4	RXD	RS232 TXD
5	TXD	RS232 RXD
6	USB	USB 2.0 port

4 Driver Installation

Download drive： http://www.wch.cn/downloads/CH341SER_EXE.html

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Revision History

Version	Rev. Date	Remark	By
1.0	2022-1-5	First version	LM
1.1	2022-08-15	Modify the description	LM
1.2	2022-09-07	Content revision	XXN

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