

TWIN485 box

support dual ground isolated RS232 to RS422/485

Converter with Bridge/Repeater function

RAYON Technology Co., Ltd. is pleased to announce the introduction of the TWIN485 ground isolated RS232 to RS422/RS485 Converter. TWIN485 support dual RS232 to RS422/RS485 Converter and Bridge/Repeater function in one box. The TWIN485 box not only convert the signal, but also provide 1000V isolation to protect sensitive serial equipment from ground loop problem and voltage surge problem. The RS485 support Auto-Data-Direction-Control feature. Switchs on the side of TWIN485 are used to select target interface type and special feature. In normal mode TWIN485 can offer two RS232 to RS422/RS485 Converter function. User can use one Converter as working part and the other Converter as on-line monitor/backup part. When the working Converter do not work properly, we can use backup Converter to replace the working Converter. In Bridge mode TWIN485 can offer RS422/RS485 Bridge/Repeater function. So user just need TWIN485 box to work as Converter and Bridge/Repeater. This can solve the stock problem in traditional structure. They need to prepare Converter box and Bridge/Repeater in stock for maintenance purpose.

One side of TWIN485 is DB9 male connector for common mode RS232 interface. The other side of TWIN485 is screw terminal block for RS422/RS485 interface. We can use power adaptor or screw terminal block to support 9VDC--31VDC power supply for TWIN485. So it is very easy to use TWIN485 with power adaptor in normal PC application environment. And it is very easy to use TWIN485 in +12VDC or +24VDC industrial application environment.