







	Product Name	Key Feature
	<p style="text-align: center;"><b>UT-2204</b></p> <p style="text-align: center;"><b>2 RS485 to 4 port RS485 Smart server HUB</b></p>	<div style="display: flex; flex-wrap: wrap; justify-content: space-around;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>

## INTRODUCED

### I. Summary:

UT-2204 is a RS-485 bus split hub designed for RS-485 system used in demanding environments. It supports a data communication rate up to 115.2KBPS and has data buffers and microprocessors. It uses external switching power supply for safety and reliability and is ideal for engineering applications.

The built-in discrimination circuit can automatically sense the direction of data flow and switch the enable control circuit to ensure the switch of transmit and receive in RS-485 mode. The communications distance of RS-485 can exceed 1200m for stable performance, so it's widely used in applications such as video supervision system as a high-performance data interface converter.

UT-2204 RS-485 HUB provides star-type RS-485 bus connection. Users can improve the RS -485 bus structure and split bus segments conveniently to improve the communication reliability. This feature significantly improves the reliability of existing RS-485 network and reduces maintenance interval. Reasonable use of UT-2204 RS-485HUB can help to design a unique, highly reliable RS-485 system.

### II. Specification:

- Interface: Compatible with RS-232 and RS-485 standards of EIA/TIA
- Electric connection: DB9/F socket for RS-232C interface, wiring terminal for RS-485 end
- Transmission media: twisted-pair cable or shielded cable
- Operation mode: Asynchronous half-duplex
- Signal indicator: 9 signal LEDs: power (PWR), transmit(TXD1),(TXD2), receive (RXD1),(RXD2) and error (E1-E4)
- Data rate: 1200BPS-115.2KBPS
- Protection class: 15KVESD protection; 1500W lightning surge protection for RS-485 interface
- Transfer distance: 0-1.2 Kilometers (115200-1200BPS)
- Power supply: DC9-30V 1A
- Dimension 210mm 140mm 32mm
- Working environment: -40°C to 85°C, relative humidity of 5% to 95%

## INFORMATION ORDER

**MODEL: UT-2204**      2-port RS485 to 4-port RS-485 Smart Server HUB