Product Name	Key Feature
UT-242E **Port-powered, RS-232 to RS-485, Mini-size Surging protection**	RS232 → RS485 1.2KM Lightning strike protection

INTRODUCED

I.   Summary:

In order to carry through remote digital communication between computers with various standard series interfaces converter facilities or intelligent instruments, it needs inter exchange of standard series interface converter of compatible RS-232C and RS-485 standard is able to convert mono-end RS-232 signal to balance difference RS-485 signal and extend the communication distance to 1.2km. No external power but adopts a particular RS-232chargepumptodrivethesystem, and gains electricity without initializing the RS-232 series interface. An internal zero delay auto transceiver and particular I/O circuit automatically control the data stream direction in stead of an handshake signal (for example RTS, DTR etc).There by in guarantees the function under RS-485 without changing the program compiled under RS-232 half-duplex mode and assures the adaptation to current operation software and interface hardware. The transmission rate of 300-115.2kbps. Is capable of applying between host computers, host computer and is extensions or external equipment and forms dot to dot, dot to dots remote and multi-communication network, It implements multi-machine response communication and commonly used in systems of industrial automation control all-one-card. Door safe, car parking, ATM, bus charge, eatery sell out, staff attendance management, and toll highway etc.

II.   Specification:

- RS-232 side in DB9 female
- RS-485 side in binding post
- Max connection: 32 RS485/422 devices; Max distance: 1.2 KM.
- Baud rate: 300BPS-115.2KBPS;
- Size:61mm×41mm×21mm
- Environment:-40-85℃, Relate humidity 5-95%
- Protection: 2kA surging and grounding interference protection for RS-485

INFORMATION ORDER

MODEL: UT-242E   Mini-size, Surging protection
Port-powered, RS-232 to RS-485