

**ET-USB/RS422/485 V2**  
(P-ET-A-00372)



It converts signal from USB PORT into RS422/485 for using with computer PC. It is suitable for computer PC that is interfaced with PORT RS422 or RS485 and industrial devices as Network System. Moreover, it can be interfaced up to 1.2 kilometer long distance.

- Convert Signal:** USB TO RS422 (FULL DUPLEX) and RS485 (HALF DUPLEX)
- BAUD RATE :** Use Signal BAUD RATE from 300 BPS to 128 KBPS
- CONNECTOR :** USB CONNECTOR TYPE B  
RS422/485 PLUG TYPE TERMINAL BOX and SW to choose MODE between RS422 and 485
- OS :** Interface with USB PORT on OS WINDOWS 98/ME/2000/XP/VISTA; it is installed as PLUG & PLAY and use POWER SUPPLY from USB CONNECTOR
- LED STATUS :** LED TX, RX, POWER
- DISTANCE :** 4000 FEET OR 1.2 KILOMETRE
- BOX SIZE :** 7.5 X 2.5 X 5 CM.

ET-USB/RS422/485 V2.0 includes...

1. BOARD and BOX
2. USB CABLE A TO B TYPE
3. CD-ROM User's Manual and DRIVER



**ET-USB/RS422/485 ISOLATION V2**  
(P-ET-A-00373)



It converts signal from USB PORT into RS422/485 ISOLATION and it converts signal from USB PORT on the computer PC into RS422/485. It uses OPTO ISOLATION Circuit to divide signals between computer PC and RS422/485. It protects cable from unusual electricity system or thunderbolt; moreover, it reduces interrupt signal.

- Convert Signal:** USB TO RS422 (FULL DUPLEX) and RS485 (HALF DUPLEX)
- BAUD RATE :** Signal BAUD RATE from 300 BPS to 115.2 KBPS
- ISOLATION :** Use POWER SUPPLY AC/DC CONVERTER ISOLATED (1K VDC ISOLATION) with OPTOCOUPLER LOGIC No.6N137 and 6N136 to divide signals into OPTO.
- CONNECTOR :** USB CONNECTOR TYPE B  
RS422/485 PLUG TYPE TERMINAL BOX with SW to choose Mode between RS422 and 485.
- OS :** Interface with USB PORT on OS WINDOWS 98/ME/2000/XP/VISTA and it is installed as PLUG & PLAY. It uses POWER SUPPLY from USB CONNECTOR.
- LED STATUS :** LED TX, RX, POWER
- DISTANCE :** 4000 FEET or 1.2 KILOMETRE
- BOX SIZE :** 7.5 X 2.5 X 5 CM.

ET-USB/RS422/485 ISOLATION V2.0 includes...

1. Board and box
2. USB CABLE A TO B TYPE
3. CD-ROM User's Manual and DRIVER



**ET-RS422/485 V2**  
(P-ET-A-00203)



- CONVERTER :** RS232C AS RS422 (FULL DUPLEX) AND RS485 (HALF DUPLEX)
- BAUD RATE :** BAUD RATE FROM 300 BPS TO 115.2 KBPS
- PORT :** RS232C DB 9 PIN FEMALE  
RS422/485 PLUG TYPE TERMINAL BLOCK
- SW MODE :** BE ABLE TO SELECT 4 MODES;  
1.RS422  
2.RS485 CONTROL SEND/RECEIVE RTS OFF  
3.RS485 CONTROL SEND/RECEIVE RTS ON  
4.RS485 AS AUTO SEND/RECEIVE
- LED :** TX, 485, RX LED
- DISTANCE :** 4000 FEET OR 1.2 KM.
- POWER SUPPLY :** DC ADAPTER 10VDC 850mA
- SIZE :** 7.5 x 2.5 x 5 CM.

ET-RS422/485 V2.0 INCLUDES;

1. ET-RS422/485 V2.0 BOX
2. DB 9 PIN HEADER "SERIAL CABLE DB-9 M/F"
3. DC ADAPTER
4. MANUAL

**ET-RS422/485 ISOLATION V2**  
(P-ET-A-00204)

ET-RS422/485 ISOLATION V2.0 is converter signal of send/receive data from RS232C into RS422 or RS485. It isolates signal with OPTO, protects short-circuit or thunderbolt to damage all circuit in system.



- CONVERTER :** RS232C AS RS422 (FULL DUPLEX) AND RS485 (HALF DUPLEX)
- BAUD RATE :** BAUD RATE FROM 300 BPS TO 115.2 KBPS
- ISOLATION :** ISOLATION DATA INTERFACE 1600 VRMS (1 MINUTE) USE IC MAX1480 AS ISOLATION CIRCUIT
- PORT :** RS232C DB 9 PIN FEMALE  
RS422/485 PLUG TYPE TERMINAL BLOCK
- SW MODE :** BE ABLE TO SELECT 4 MODES;  
1.RS422  
2.RS485 CONTROL SEND/RECEIVE RTS OFF  
3.RS485 CONTROL SEND/RECEIVE RTS ON  
4.RS485 AS AUTO SEND/RECEIVE
- LED :** TX, 485, RX LED
- DISTANCE :** 4000 FEET OR 1.2 KM.
- POWER SUPPLY :** DC ADAPTER 10VDC 850mA
- SIZE :** 7.5 x 2.5 x 5 CM.

ET-RS422/485 ISOLATION V2.0 INCLUDES;

1. ET-RS422/485 ISOLATION V2.0 BOX
2. DB 9 PIN HEADER "SERIAL CABLE DB-9M/F"
3. DC ADAPTER
4. MANUAL