

## RS232 to RS422 PHOTO ISOLATOR BOX

The RS232 to RS422 photo isolator box allows the input signals to be completely prevent up to 1000V. There are 3 LED indicators correspond to Tx, Rx, and power signals. A 9V, 500mA power adapter is provided in the package.

There are one RS422 male connector and one RS232 female connector in the box, the signal assignments are shown below:

### 1. Female RS232 signals

DB25 Pin #	Signal Name	RS-232 Signal name	Direction
1	Chassis Ground(GND)	AA	Common
2	Transmit Data(TxD)	BA	Output
3	Receive Data(RxD)	BB	Input
4	Request to Send(RTS)	CA	Output
5	Clear to Send(CTS)	CB	Input
7	Signal Ground(SG)	AB	Common

### 2. Male RS422 signals

DB25 Pin #	Signal Name	Direction
1	Chassis Ground (GND)	Common
2	Transmit Data(TxD+)	Output
3	Receive Data(RxD+)	Input
4	Request to Send(RTS+)	Output
5	Clear to Send(CTS+)	Input
14	Transmit Data(TxD-)	Output
15	Receive Data(RxD-)	Input
16	Request to Send(RTS-)	Output
17	Clear to Send(CTS-)	Input

SW 1, 3 ON

