

# PASSIVE RS232<=>RS485 CONVERTER

## NV485

The NV485 is a high performance multi-function bi-directional RS232<=>RS485 interface converter, widely use in surveillance system, attendance checking system and IC card tolling system.

### 1. Features

- Bi-directional RS232<=>RS485 converter, bi-directional transmission of half-duplex data
- Up to 1200 meters communication distance, 0-115200BPS transmission speed
- Passive converter without external power supply
- Static resistant and thunder proof design

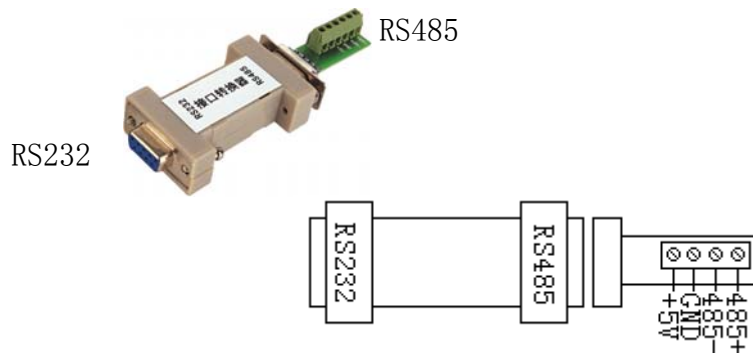
### 2. Specification

Communication distance: over 1200 meters

Transmission speed:0-115200BPS

Operating temperature:-10°C~70°C

### 3. Connection



### Instruction:

- 1.The terminal “GND”&“+5V”is external power supply port to input DC5V power for more RS485 devices.
2. (A, B) is RS485 signal output port which is to connect RS485 devices, such as decoder, alarm box, attendance checking machine, entrance guard machine, etc.
3. Only one 120Ω resistor can be connected in parallel at farthest RS485 device in RS485 output circuit.
- 4.Use twist pair cable for correct connection per RS485 communication standard, otherwise the communication distance will be shorten significantly if using parallel cable.