

# Converter USB to RS485

*Compatible with EIA/TIA RS-232,RS-485 standard*

*Interface:USB interface*

*RS-485 interface*

*Transmission medium:normal cables,twisted-pair cables or  
shielded cables*

*57.6kbps in 1200m transmission speed(short distance can reach 230kbps)*

*Transmission distance:5m(USB port)*

*1200m(RS485 port)*

*7-12V input voltage*

**SMQT®**



## • Parameter

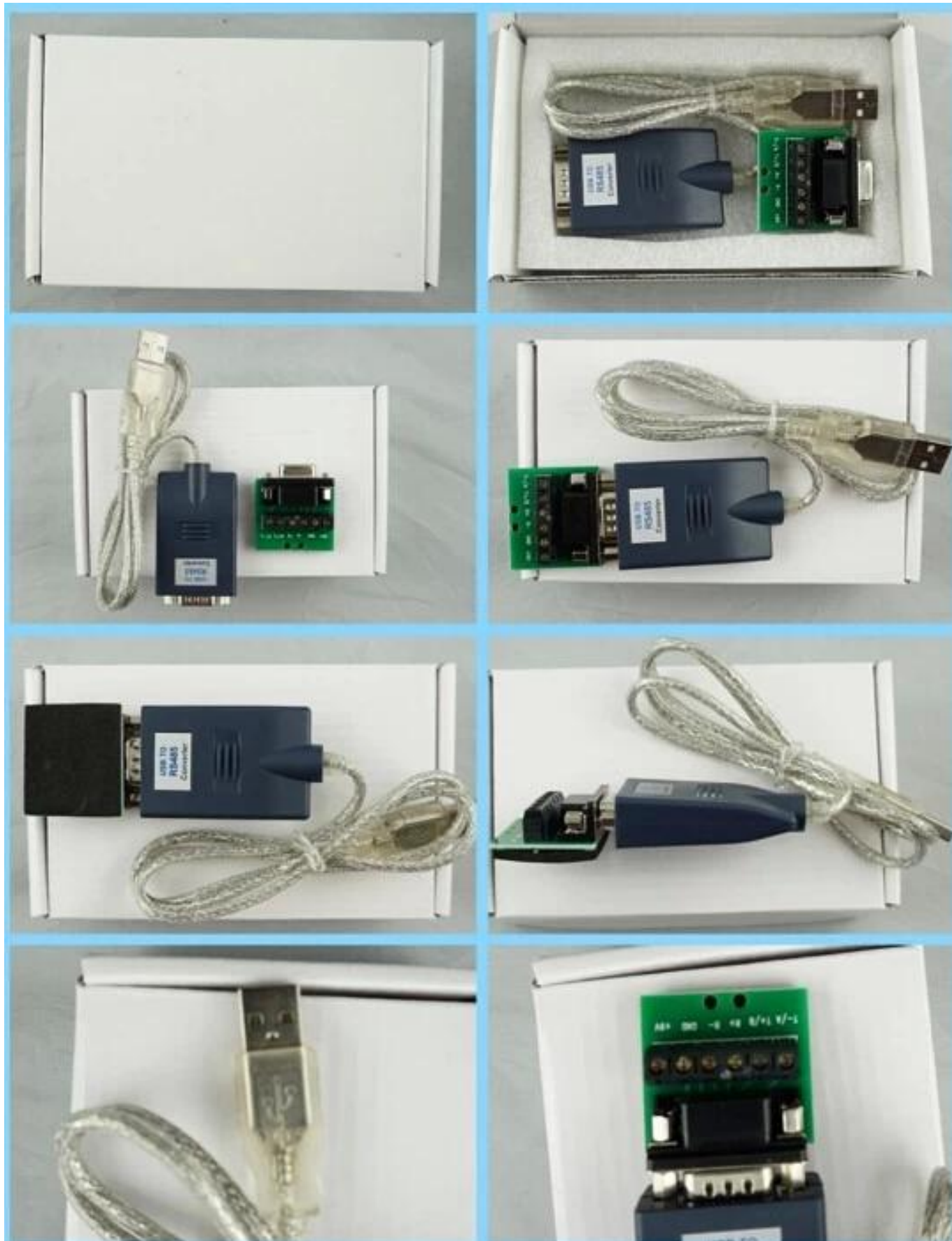
**SMQT®**

Product name	Converter USB to RS485
Model	EA-02
Dimension	94×35×18(mm)
Serial feature	Interface compatible with EIA / TIA RS-232C, RS-485 standard
Electrical Interface	USB port, DB9 female connector, RS-485 side, DB9 male connector with terminal (five wire).
Way of working	Asynchronous half-duplex
Transmission medium	Ordinary line, twisted pair or shielded cable
Transmission rate	Up to 57.6kbps (close up to 230kbps rate) in the 1200m distance
Transmission distance	5 m (USB end) 1200 m (RS-485 terminal)
Color	grey
Usage	Access control system
Relative Humidity	5%~95%
Environment temprature	-10 °C~85 °C
letter of agreement	Transparent
Net weight	0.116kg

## • Introduction

**SMQT®**

USB to RS485 converter for door access control system software operate on computer.



• *Feature*

**SMQT**



*Converter USB to RS485*  
*Interface compatible with EIA*  
*/ TIA RS-232C, RS-485 standard*

*Electrical Interface:*

*USB port, DB9 female connector*  
*RS-485 side, DB9 male connector*

*Transmission rate:*

*Up to 57.6kbps (close up to 230kbps*  
*rate) in the 1200m distance*

*Transmission distance:*

*5 m (USB end) 1200 m (RS-485 terminal)*

*Suitable for data transmission system*

*0.116kg weight*

*Welcome OEM and 2 years quality warranty*



switch power supply



Door release button



Access control keypad

Converter USB to RS485 EA-02



PC

## • Office show

SMQT



## • Exhibition

SMQT

2011 Brazil Fair



2012 Shenyang Fair



2013 Jinan Fair



2013 Shenzhen Fair



2012 Shenyang Fair



2013 Shenyang Fair



2013 Shenzhen Fair



2015 Shenzhen Fair



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