# SC&T

Data Transmission Series

# User Manual

Model : RS016
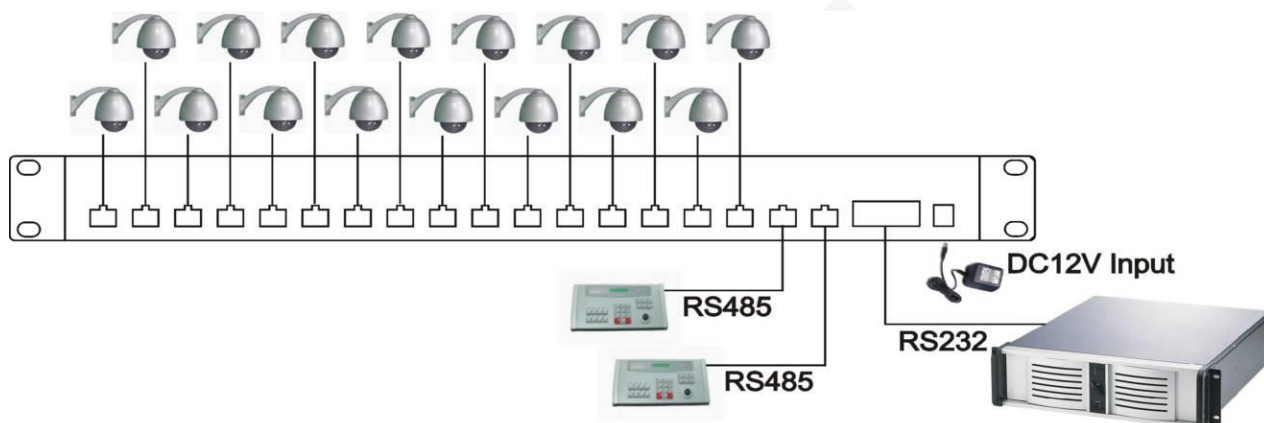
## 1 x 16 RS485 Serial Data Distributor in 1U Rack

## Introduction

RS016 is a multi-functional data distributor designed to not only split one RS485 signal into 16 ones but also convert RS232 to RS485 signal at the same time, with the transmission distance up to 1200M. The device supports one RS232 and two RS485 inputs (only one input can be processed at a time).

## Features

- Splits and extends RS485 signal.
- Converts RS232 to RS485 signal.
- Signal extension up to 1200M.
- Built-in surge protection for each output.
- Supports cascade connection.

## Installation View

## Specification

| ITEM NO. | RS016 |
|---|---|
| Support | |
| Standard | RS232, RS485 |
| Max. Transmission Distance | 1200M |
| Ports & Interfaces | |
| Data Input | 1 x DB9 (RS232), 1 x 2-pin Terminal Block (RS485) |
| Data Output | 16 x 2-pin Terminal Block |
| Power | |
| Power Supply | DC 12V 500mA |
| Power Consumption | 350mA |
| Ambient Temperature | |
| Operation | 0 to 55℃ |
| Storage | -20 to 70℃ |
| Humidity | Up to 95% |
| Physical Characteristics | |
| Dimensions | 483 x 100 x 44mm |
| Weight | 1160g |

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