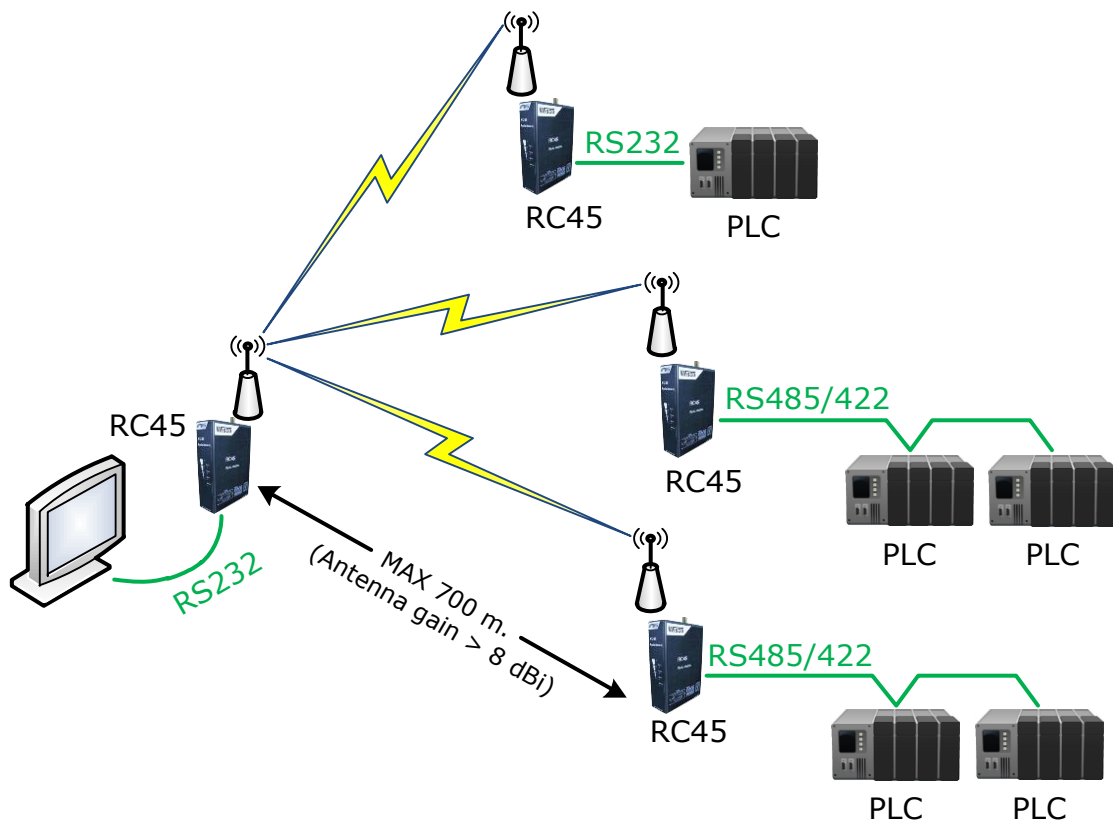


# Radio Modem RC45



- Long Distance 700 m.
- No Wiring (RF Link)
- Easy to install

**Radio Modem RC45** เป็นระบบไร้สายที่ออกแบบมาเพื่อแทนที่ระบบ RS232, RS485/422 ที่ต้องมีการเดินสาย เพื่อลดความยุ่งยากในการเดินสายและง่ายต่อการติดตั้ง



## Specifications

### Wireless Interface

**RF Standard:** 802.15.4

**Frequency Band:** 2.4 GHz

**Max. RF Data Rate:** 625 Kbps

**Rx sensitivity:** -108 dBm

**Tx Power:** +18 dBm (Max)

**Transmission Distance:**

Up to 90 m. Indoor/Urban

Up to 700 m. Outdoor RF line-of-sight

(With Antenna gain > 8 dBi)

**Antenna Connector:**

RP-SMA Jack/Female

**RF Channel:** 16 channels

**Network Topology:** Point-to-Point or

Point-to-Multipoint

### Serial Interface

**Serial Standards:**

RS-232 Connector DB9 male

RS-485/422 (Isolated) 5 pin Terminal Block

**Loading:** RS-485/422 Max 32 Unit

**Distance:**

RS-232 length 15 m.

RS-485/422 length 1 Km.

### Ordering Information:

Example RC45

### Package Checklist

1. RC45
2. RS232 Cable
3. Manual
4. CD Software

### Serial Parameter

**Baud Rate:** 4800, 9600, 19200, 38400, 57600, 115200

**Data Bits:** 7, 8

**Stop Bit:** 1, 2

**Parity:** None, Odd, Even

### Power Requirements

**Power Supply:** 12 to 24 VDC

### Power Consumption

**Standby:** 120  $\mu$ A @ 12 VDC

**Operate:** 130  $\mu$ A @ 12 VDC

### Environmental Limits

**Operating Temperature:** 0 to 55 °C

**Operating Humidity:** 5 to 95% RH

**Storage Temperature:** 0 to 70 °C

### Physical Characteristics

**Dimension:** W30 x H122 x D98 mm.

**Mounting:** DIN Rail

### Warranty

**Warranty Period:** 5 year