# Wiring Diagrams

## Weigand wiring



ST10-MEK Reader

| | |
|---|---|
| +9~24V DC | +12V |
| Ground | GND |
| Wiegand Data0 | D0 |
| Wiegand Data1 | D1 |
| Green LED | GLED |
| Beep | BEEP |

READER1

485A

+12V
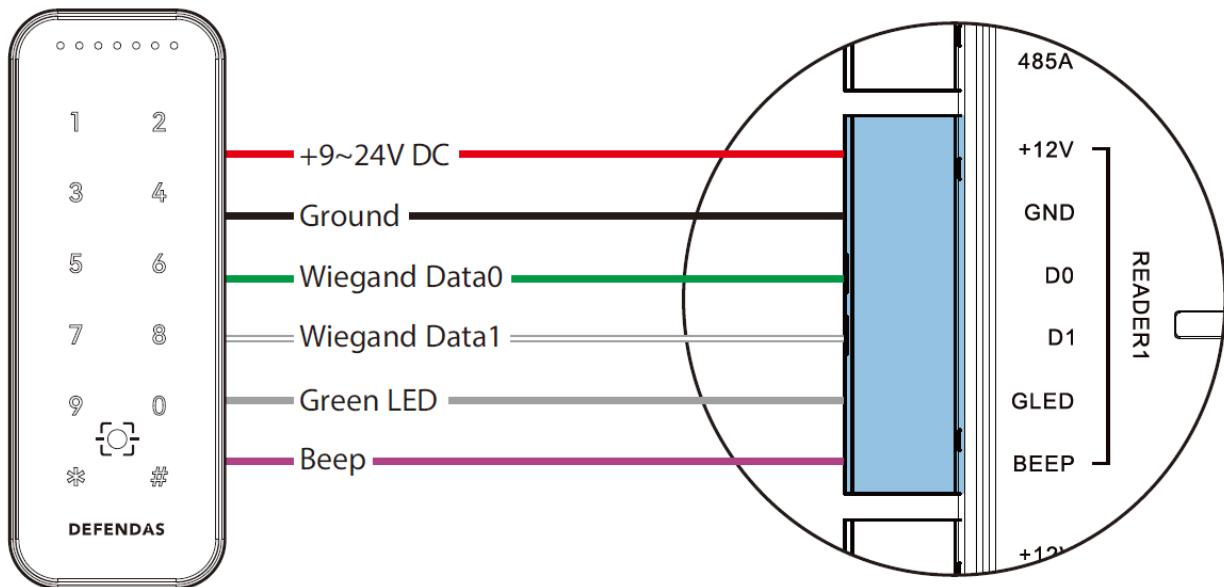
## RS-485 wiring



OSDP Reader

| | |
|---|---|
| DC | +12V |
| GND | GND |
| 485B | 485B |
| 485A | 485A |

RS485 READER

# REX Connection



IR Sensor

12V DC
Separate Power Supply

Unused

COM

NO

NC COM NO SEN GND BUT

LOCK1

NO

COM

No Touch

EXIT

Exit Button

NC COM NO SEN GND BUT

LOCK3
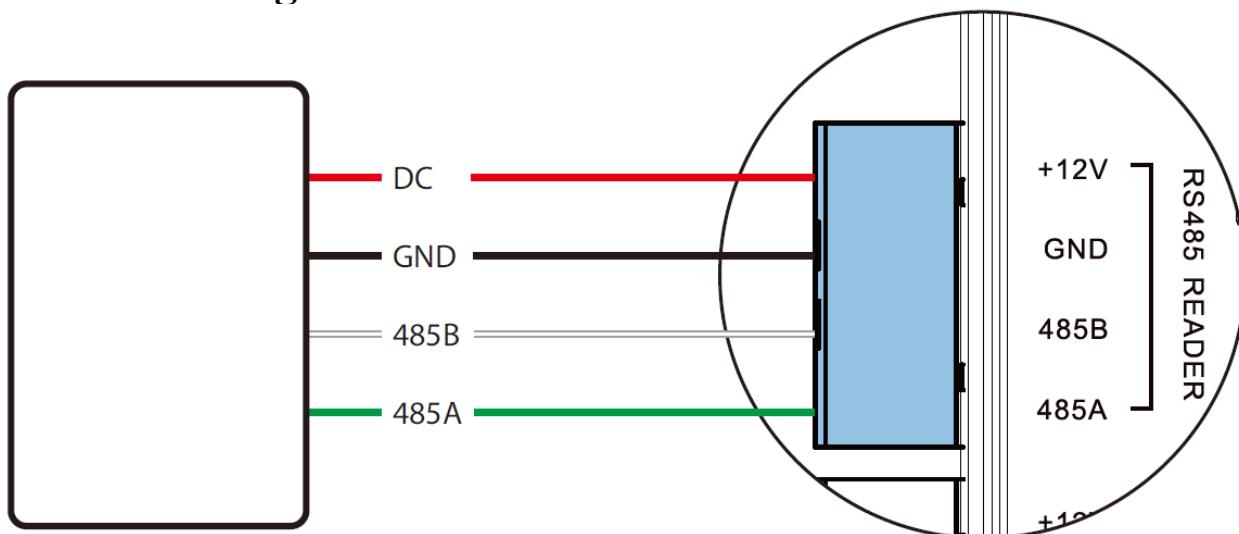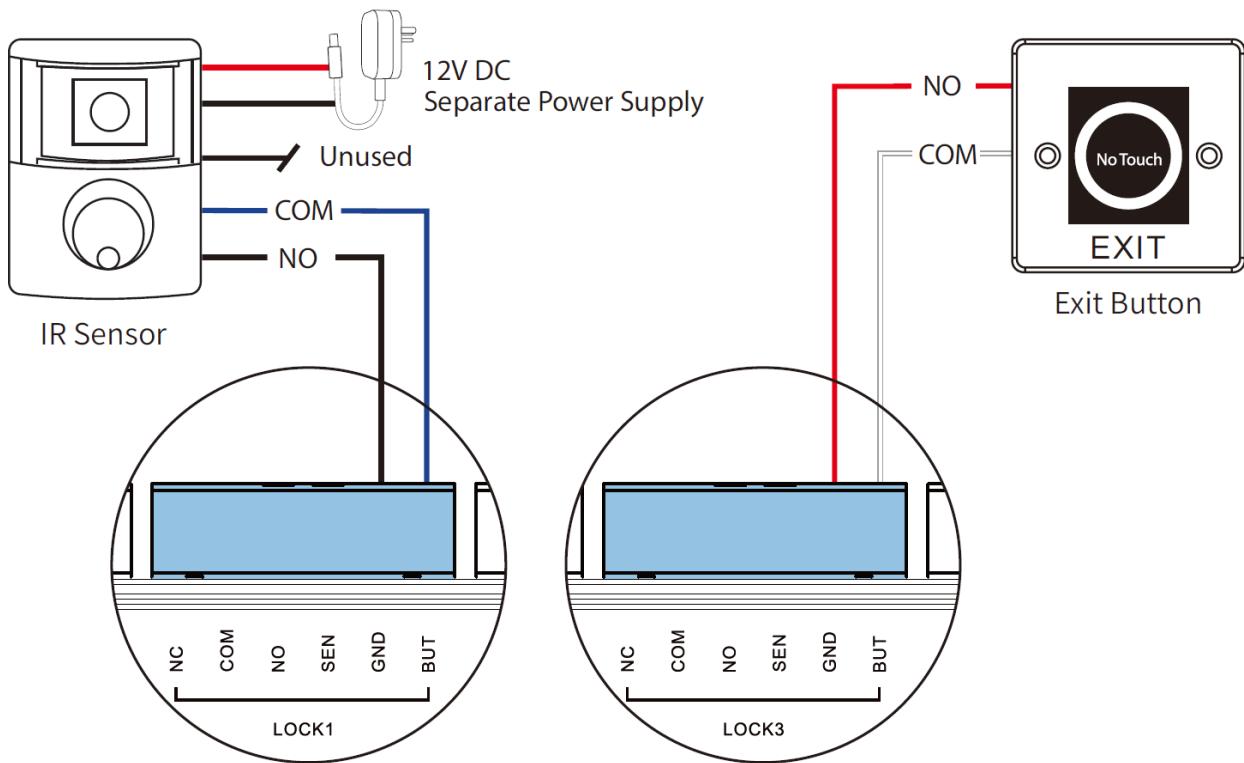
# Lock Relay Connection

The system supports both **Normally Opened Lock** and **Normally Closed Lock**. The **NO Lock** (Normally Opened when powered) is connected with '**NO**' and '**COM**' terminals, and the **NC Lock** (Normally Closed when powered) is connected with '**NC**' and '**COM**' terminals. As shown in the example with NC Lock below.



Door Sensor

+12V DC

GND

COM

GND

NC

Maximum 30V 2A input.

Do not reverse the polarity.

FR107 Diode

Normally Closed Lock