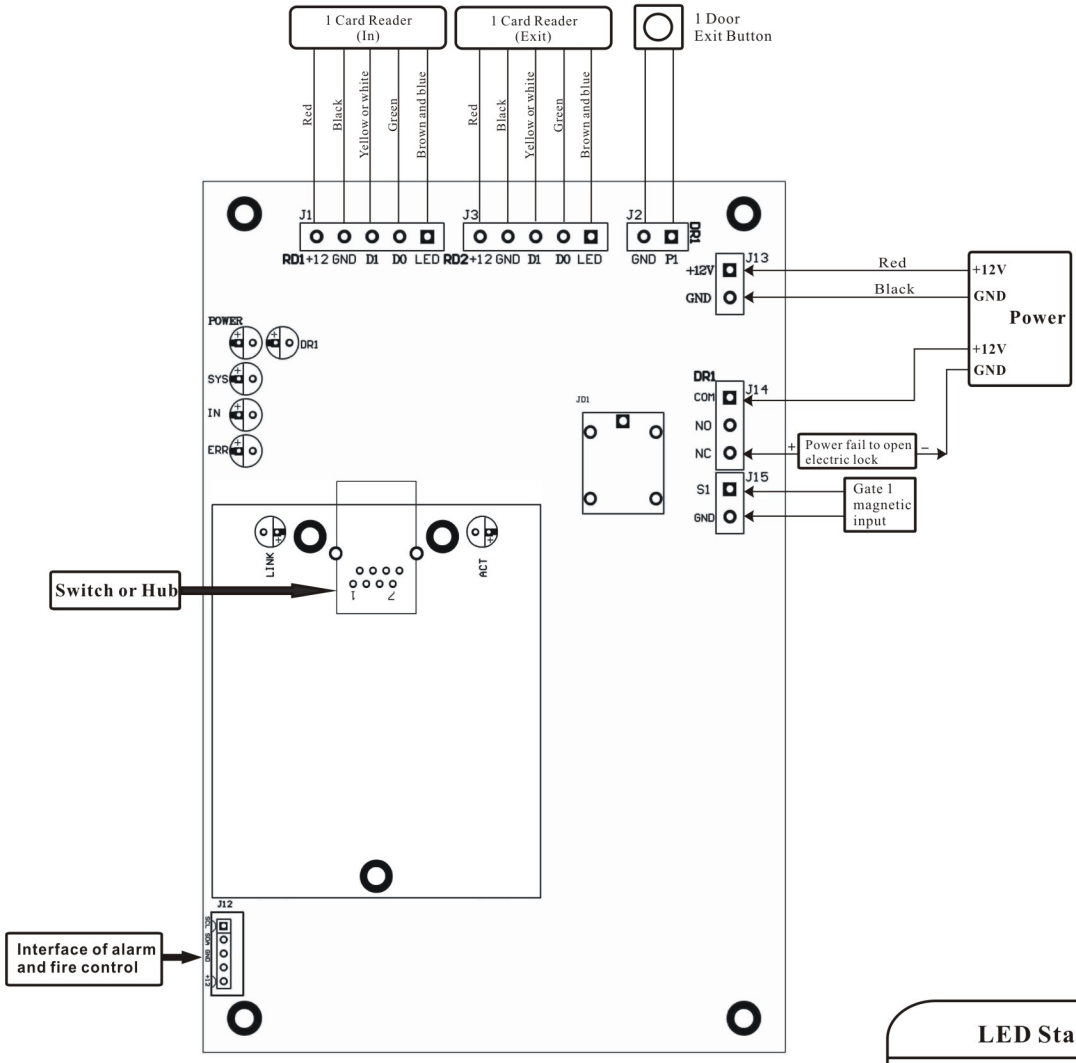
Signal Door Acess Controller Wiring Diagram（TCP/IP Communication）



LED Status Explain

- **IN**: Light blink,valid card
- **SYS**:Light blink,CPU runs normally
- **ERR**:Light off,apparatus run normally
- **LINK** :Green light flashes,the device already connect
- **ACT** :Orange light flashes,the device is processing data
- **POWER** :Light on, go through the device
- **DR1**:Yellow light on,door is open

Wiring standard

(Even the connection distance is very short, it must be implemented according to the following requirement)

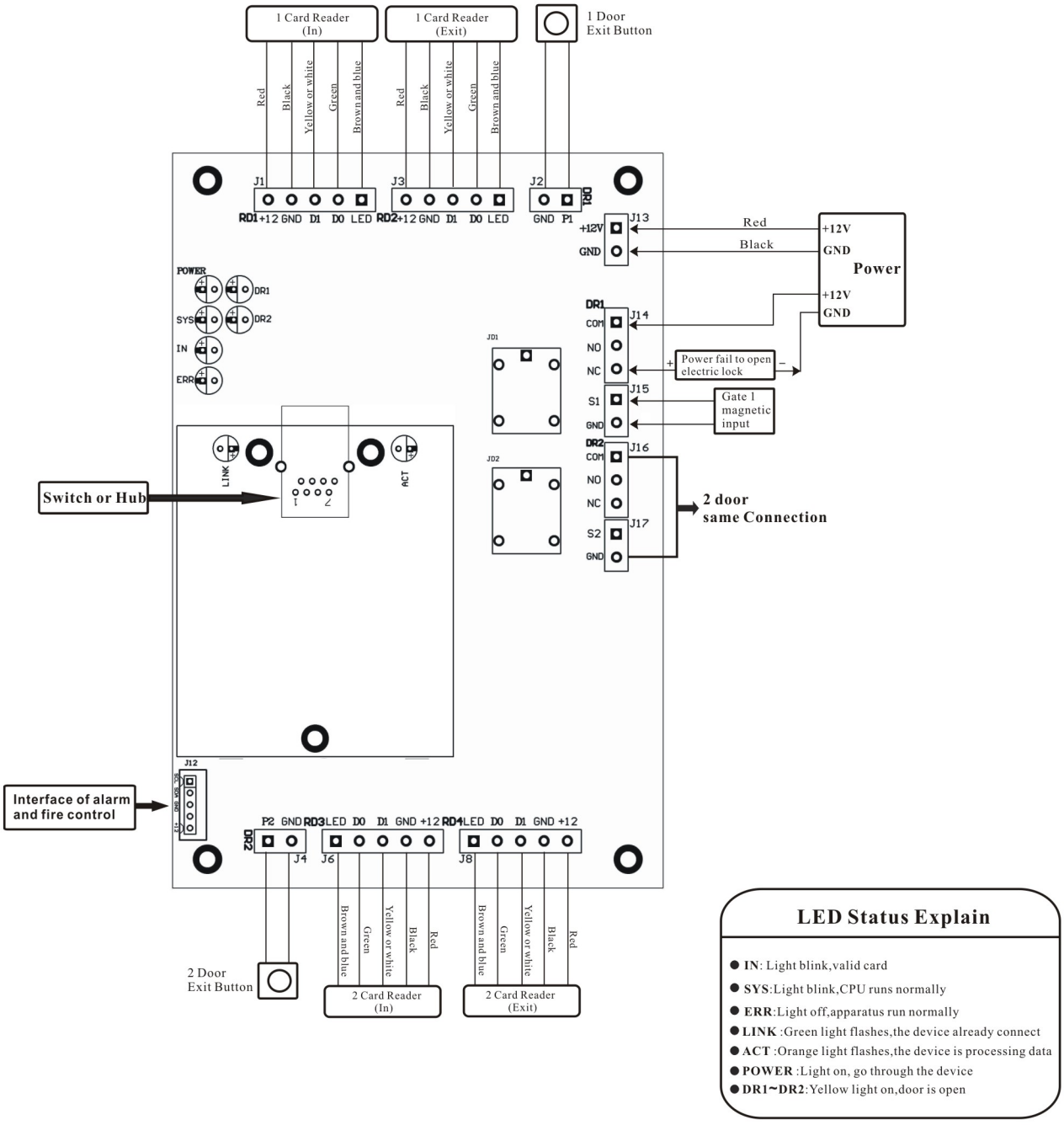
✦ **220V AC Power cable**:
Three-wire power supply,the cross-sectional area 1.0mm^2 or more.It's required that power supply must be grounded to prevent from power interference

✦ **The line of electric lock to controller**:
It's recomended to use two-wire power line,the cross-sectional area 1.0mm^2 or more.If the distance over 50 meters, it's considered to use thicker line or multiple paraller

✦ **TCP/IP Communication Line**:
Network cable

✦ **The card reader, door sensor and button line**:
Can use network cable or others

Double Door Acess Controller Wiring Diagram（TCP/IP Communication）



LED Status Explain

- **IN**: Light blink,valid card
- **SYS**:Light blink,CPU runs normally
- **ERR**:Light off,apparatus run normally
- **LINK** :Green light flashes,the device already connect
- **ACT** :Orange light flashes,the device is processing data
- **POWER** :Light on, go through the device
- **DR1~DR2**:Yellow light on,door is open

Wiring standard

(Even the connection distance is very short, it must be implemented according to the following requirement)

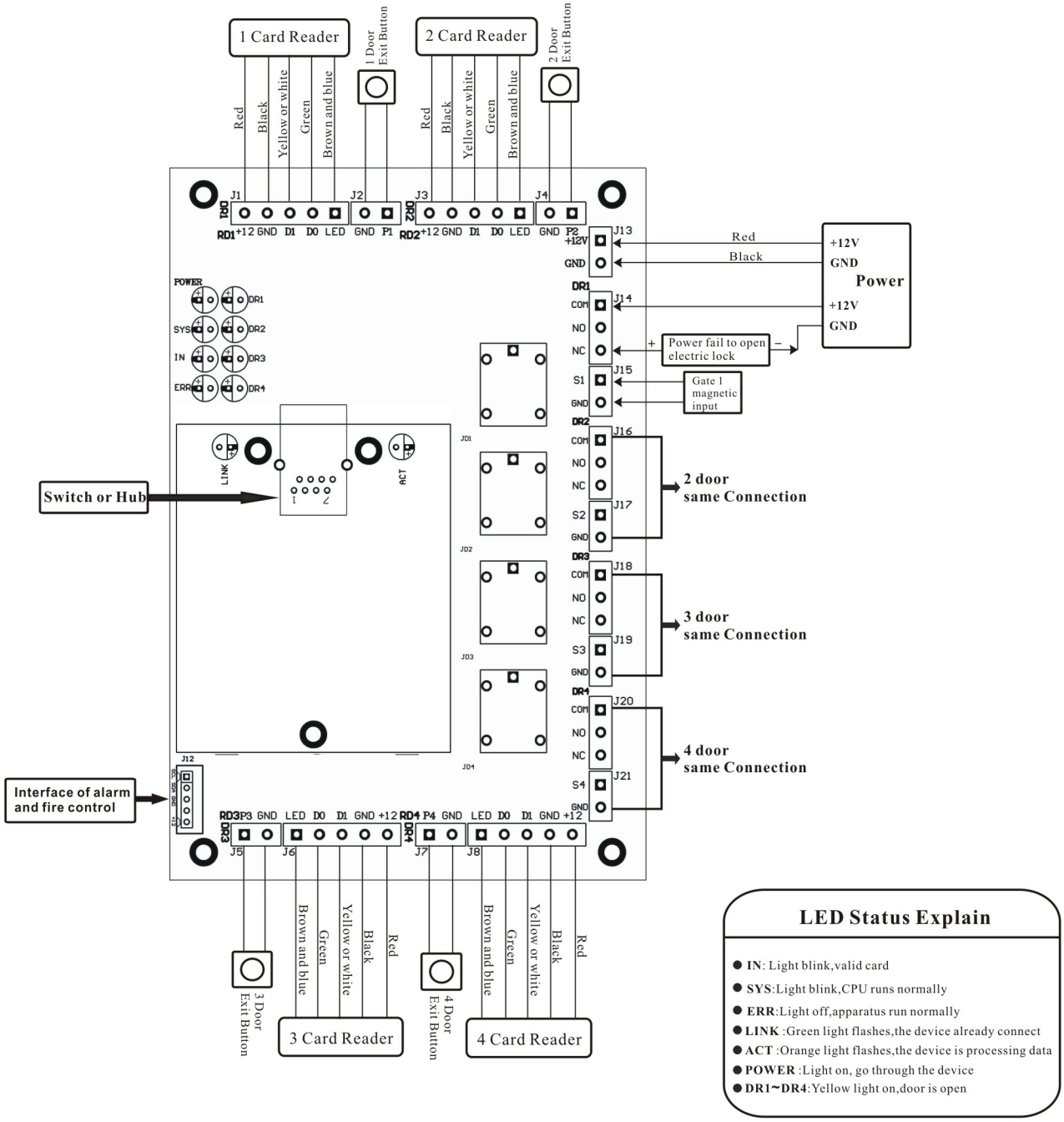
✦ **220V AC Power cable**:
Three-wire power supply,the cross-sectional area 1.0mm^2 or more.It's required that power supply must be grounded to prevent from power interference

✦ **The line of electric lock to controller**:
It's recomended to use two-wire power line,the cross-sectional area 1.0mm^2 or more.If the distance over 50 meters, it's considered to use thicker line or multiple paraller

✦ **TCP/IP Communication Line**:
Network cable

✦ **The card reader, door sensor and button line**:
Can use network cable or others

Four Door Acess Controller Wiring Diagram（TCP/IP Communication）



LED Status Explain

- **IN**: Light blink,valid card
- **SYS**:Light blink,CPU runs normally
- **ERR**:Light off,apparatus run normally
- **LINK** :Green light flashes,the device already connect
- **ACT** :Orange light flashes,the device is processing data
- **POWER** :Light on, go through the device
- **DR1~DR4**:Yellow light on,door is open

Wiring standard

(Even the connection distance is very short, it must be implemented according to the following requirement)

✦ **220V AC Power cable**:
Three-wire power supply,the cross-sectional area 1.0mm^2 or more.It's required that power supply must be grounded to prevent from power interference

✦ **The line of electric lock to controller**:
It's recomended to use two-wire power line,the cross-sectional area 1.0mm^2 or more.If the distance over 50 meters, it's considered to use thicker line or multiple paraller

✦ **TCP/IP Communication Line**:
Network cable

✦ **The card reader, door sensor and button line**:
Can use network cable or others