

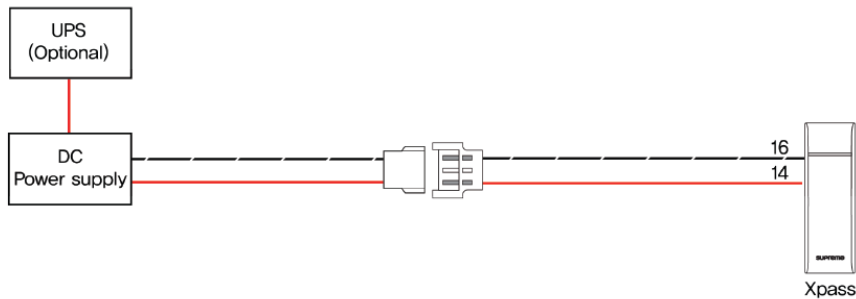
# Suprema Inc.

FCC ID : **TKWXPB**

-Operational description-

## Power Connection 1

Pin	Pin Name	Color
14	POWER IN+	Red
16	POWER IN-	Black (white string)



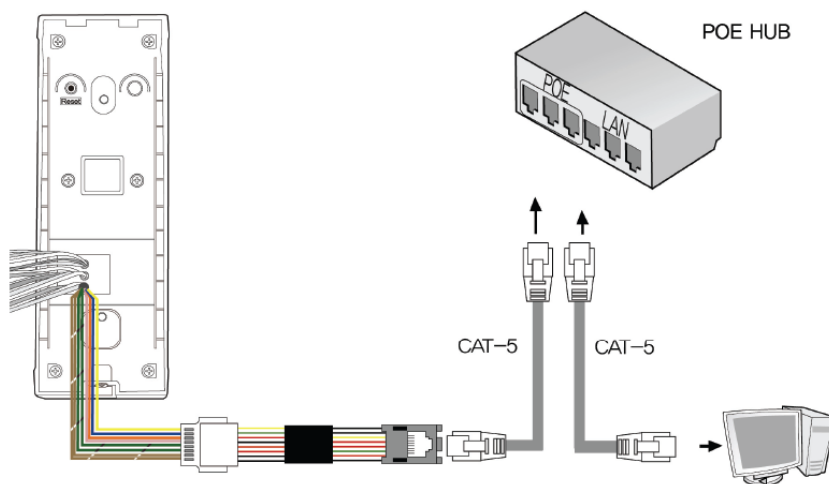
### Recommended power supply

12V  $\pm$  10%, at least 500mA.

Comply with standard IEC/EN 60950-1.

To share the power with other devices, use a power supply with higher current ratings.

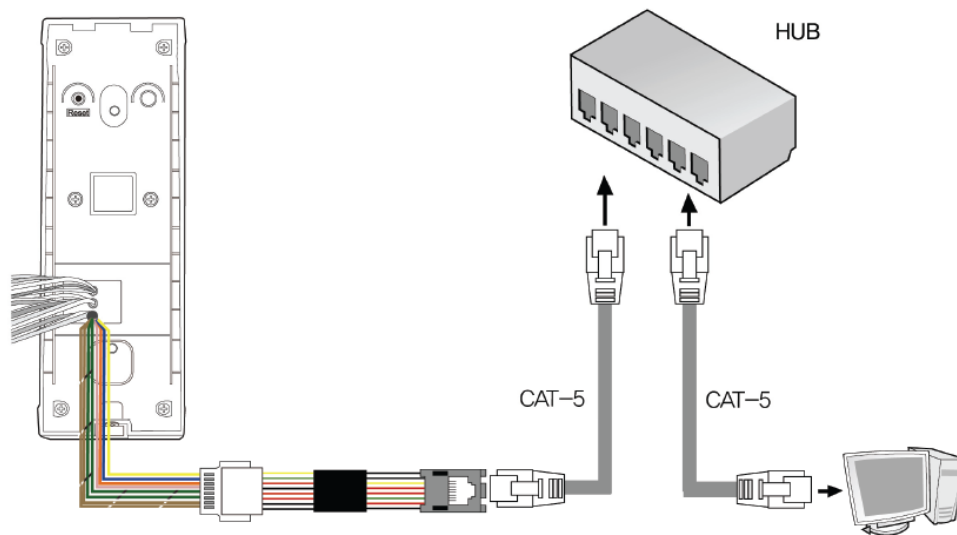
## Power Connection 2



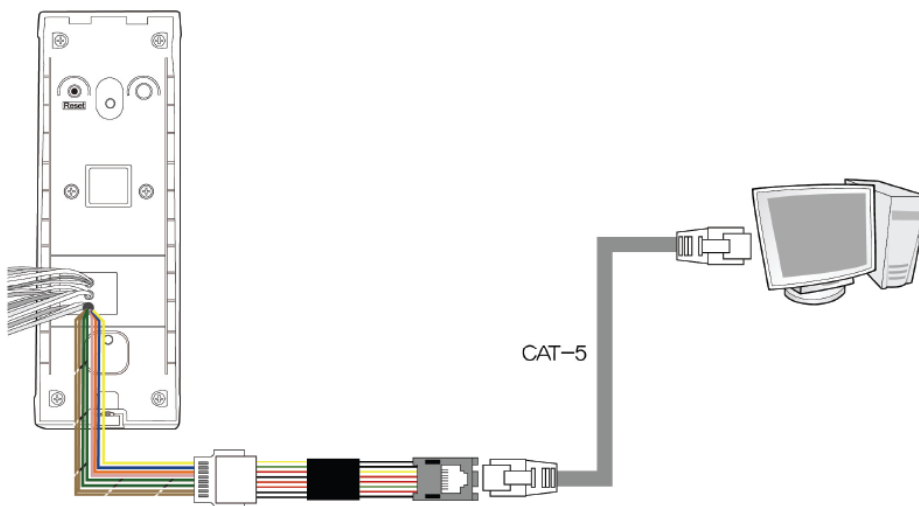
### Recommended power supply

Please use the distance of LAN cable within 100m in case of POE power.

## LAN Connection

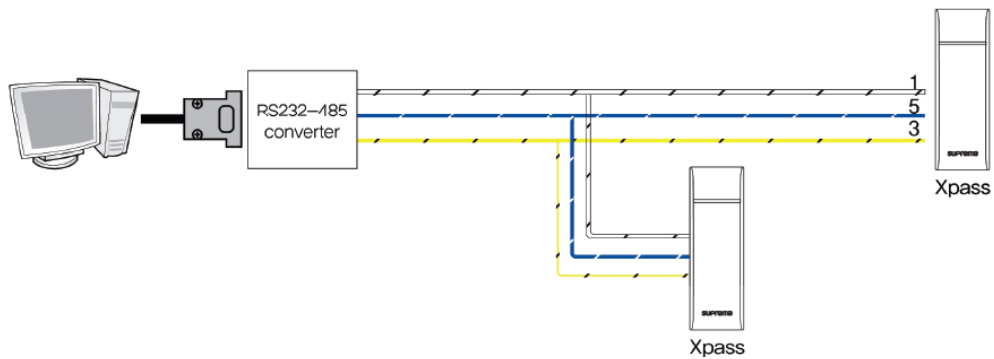


## LAN Connection (Direct connection with PC)



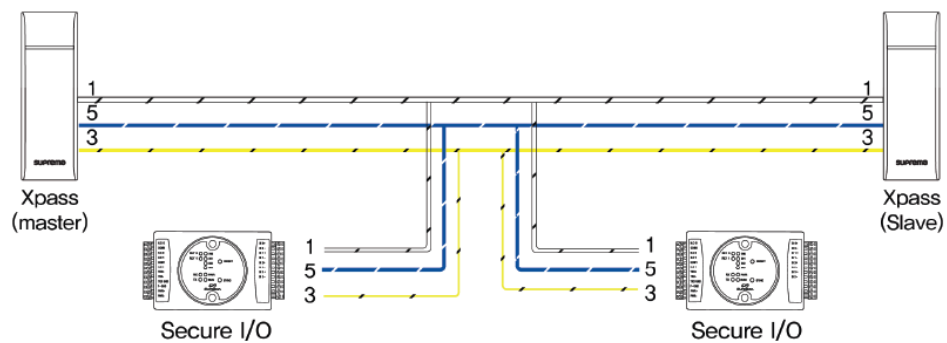
## RS485 Connection for Host Communication

Pin	Pin Name	Color
1	485 GND	White (black string)
3	485 -	Yellow (black string)
5	485 +	Blue (white string)



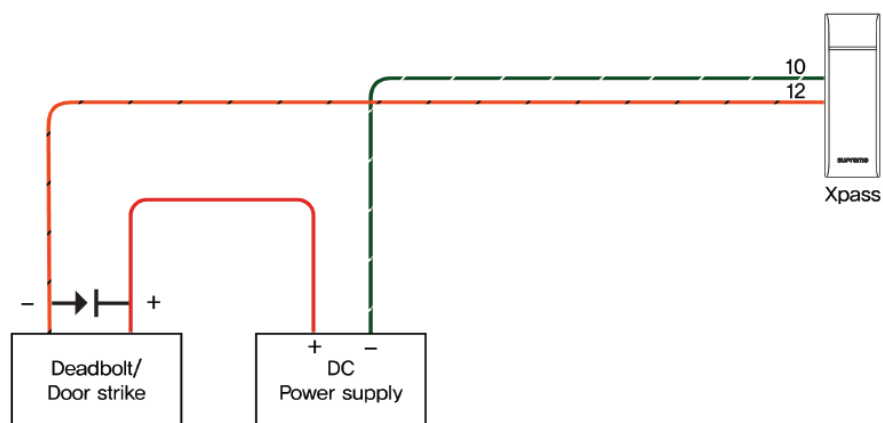
## RS485 Connection for Secure I/O

Pin	Pin Name	Color
1	485 GND	White (black string)
3	485 -	Yellow (black string)
5	485 +	Blue (white string)



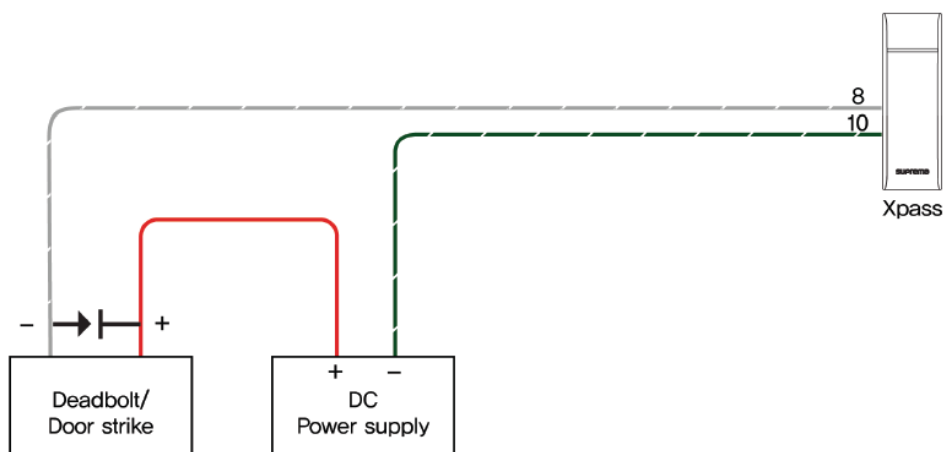
## Relay Connection – Fail safe lock

Pin	Pin Name	Color
10	RLY COM	Green (white string)
12	RLY NC	Orange (black string)



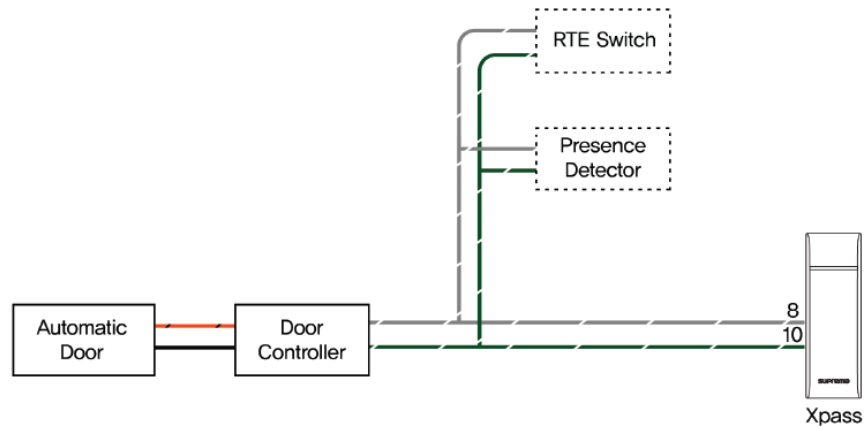
## Relay Connection – Fail secure lock

Pin	Pin Name	Color
8	RLY NO	Gray (white string)
10	RLY COM	Green (white string)



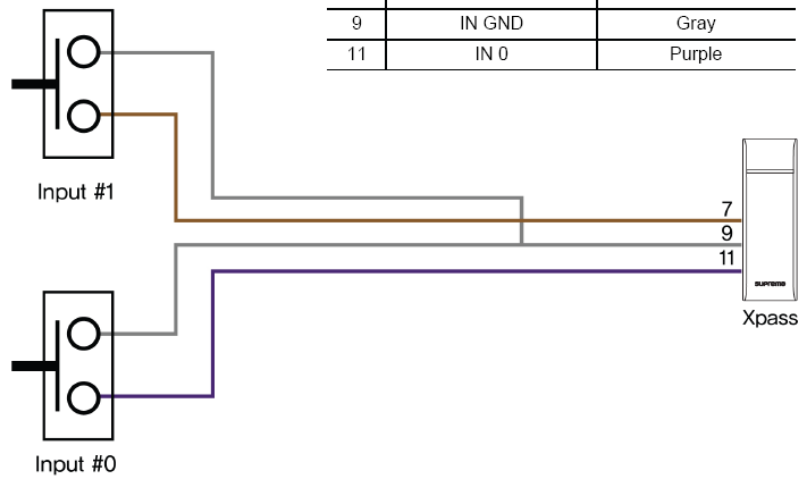
## Relay Connection - Automatic door

Pin	Pin Name	Color
8	RLY NO	Gray (white string)
10	RLY COM	Green (white string)



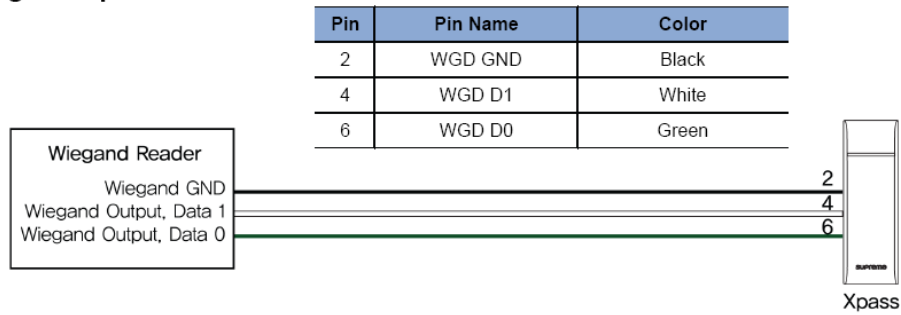
## Digital Input Connection (Alarm, Emergency S/W)

Pin	Pin Name	Color
7	IN 1	Brown
9	IN GND	Gray
11	IN 0	Purple

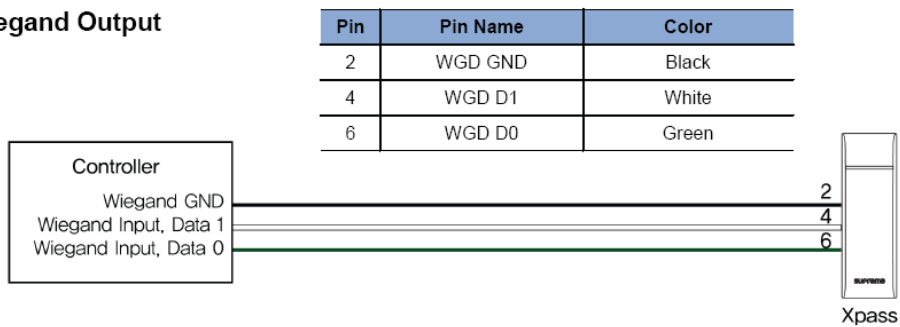


## Wiegand Input/Output

### Wiegand Input



### Wiegand Output



## Output

