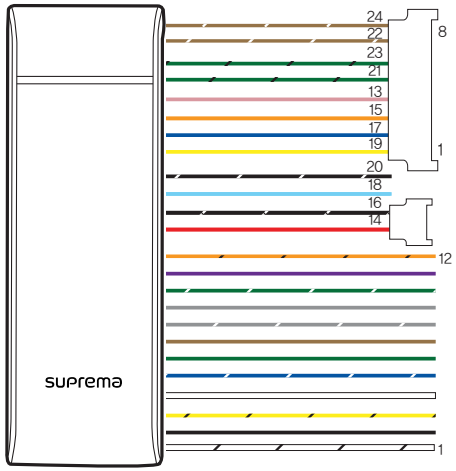
suprema Xpass Installation Quick Guide

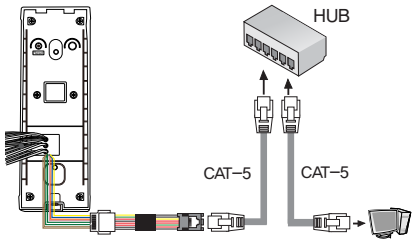


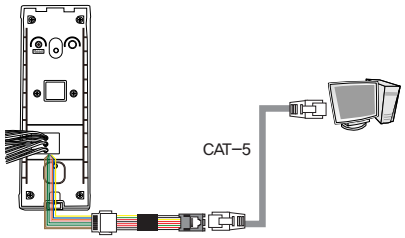
A Cross Section of Cable

Cable Specifications

No	Pin Name	Full Name	Color
1	485 GND	485 GND	White(Black String)
2	WGD GND	Wiegand-GND	Black
3	485 -	485 -	Yellow(Black String)
4	WGD D1	Wiegand-1	White
5	485 +	485 +	Blue(White String)
6	WGD D0	Wiegand-0	Green
7	IN 1	Input-1	Brown
8	RLY NO	Relay Open	Gray(White String)
9	IN GND	Input-GND	Gray
10	RLY COM	Relay Com	Green(White String)
11	IN 0	Input-0	Purple
12	RLY NC	Relay Close	Orange(Black String)
13	TX+	TX+ (LAN)	Pink
14	PWR IN+	Power IN+	Red
15	TX-	TX- (LAN)	Orange
16	PWR IN-	Power IN-	Black(White String)
17	RX+	RX+ (LAN)	Blue
18	PWR OUT+	Power OUT+	Light Blue
19	RX-	RX- (LAN)	Yellow
20	PWR OUT-	Power OUT-	Black(White String)
21	VB1	VB1	Green(Black String)
22	VB2	VB2	Brown(White String)
23	VB1	VB1	Green(Black String)
24	VB2	VB2	Brown(White String)

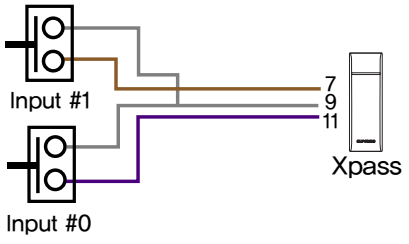
LAN Connection



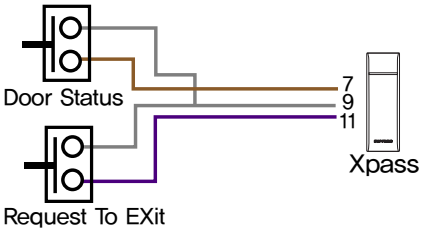


〈Direct connection with PC〉

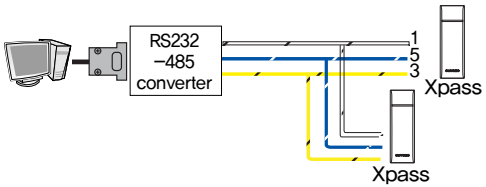
Digital Input Connection (Alarm, Emergency S/W)



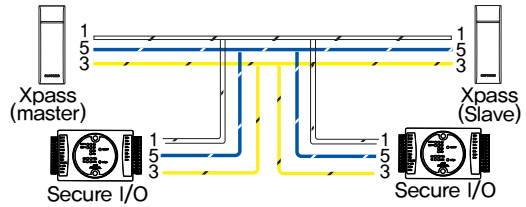
Digital Input Connection (RTE, Door sensor)



RS485 Connection

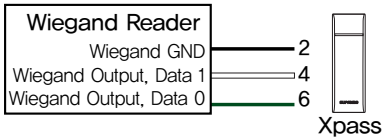


〈RS485 Connection for Host Communication〉

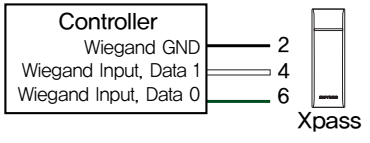


〈RS485 Connection for Secure I/O〉

Wiegand Connection

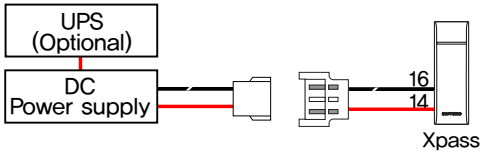


〈Input〉



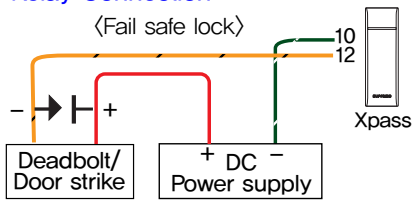
〈Output〉

Power Connection

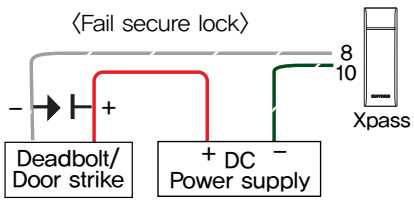


Relay Connection

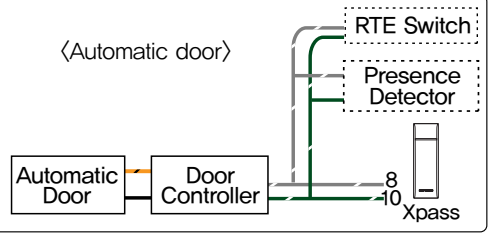
〈Fail safe lock〉



〈Fail secure lock〉



〈Automatic door〉



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