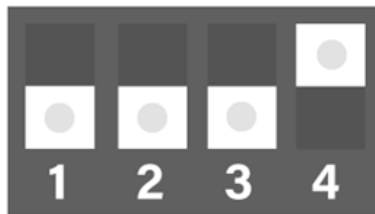


Application Note – OSDP Reader Connection



This application note show how to configure the OSDP mode.

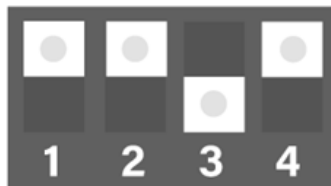
Following picture shows in what positions the DIP switches 1-3 need to be set in order to select a certain OSDP address while the DIP switch 4 allows you to select either OSDP or Wiegand mode.



ON
OFF

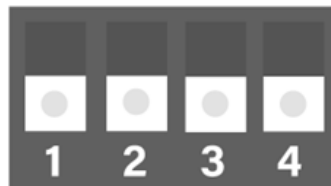
DIP 4	Reader Mode
ON	OSDP
OFF	Wiegand 34

DIP 1	DIP 2	DIP 3	OSDP Address	Door in system
OFF	OFF	OFF	0	Door 1 – Reader A
ON	OFF	OFF	1	Door 1 – Reader B
OFF	ON	OFF	2	Door 2 – Reader A
ON	ON	OFF	3	Door 2 – Reader B
OFF	OFF	ON	4	Door 3 – Reader A
ON	OFF	ON	5	Door 3 – Reader B
OFF	ON	ON	6	Door 4 – Reader A
ON	ON	ON	7	Door 4 – Reader B



Example :

DIP Switch OSDP
setting for Door 2 - Reader B
Address 3



Example :

DIP Switch Wiegand setting
DIP Switches 1-3 do not have a
function

Wiring of the reader for OSDP connection is displayed in the table below:

Wire Colour	Name	Function
Red	DC 9-24V	Power supply (+)
Black	GND	Power supply (-)
Blue	LED	LED indicators on reader
Yellow	BUZZER	Buzzer on reader
Brown	RS485	OSDP Data A
Orange	RS485	OSDP Data B