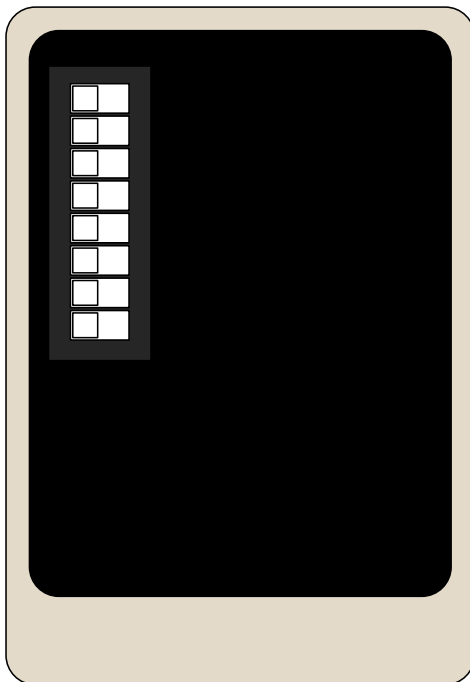


# Configure AMR170 Dip Switch in RS485 Comms

## Overview

The AMR170 can be turned on and off using dip switch combination. When using the reader with RS485 communication, bit 1 to 4 is used for address, bit 5 must be ON, bit 6 decides if output is 4 byte or 8 byte. If customer is using EZ-Link card, CAN ID bit 7 must be turned on (see Table 1).



## DIP Switch Setting

Bit	Label	Function in RS485	Function in Wiegand
1	A0	Address bit 0	Card format setting
2	A1	Address bit 1	Card format setting
3	A2	Address bit 2	Card format setting
4	A3	Address bit 3	Card format setting
5	Mode RS485/ Wiegand	OFF – Wiegand, ON – RS485	
6	8/4 Byte	OFF – 8 byte, ON – 4 byte	
7	CSN/CAN	OFF – CSN, ON – CAN	
8	TST	OFF – Run, ON - Testing	

Table 1: Detailed Setting

	Bit	Bit 1	Bit 2	Bit3	Bit4	Bit5	Bit6	Bit7	Bit 8
	Label	A0	A1	A2	A3		Refers to Table 3 for other DIP Switch Setting.		
Hex Address	80	0	0	0	0	1			
	81	1	0	0	0	1			
	82	0	1	0	0	1			
	83	1	1	0	0	1			
	84	0	0	1	0	1			
	85	1	0	1	0	1			
	86	0	1	1	0	1			
	87	1	1	1	0	1			

Note: Bit 7 CAN refer to Card Application Number found on EZ-Link card.