DS-K1T501 work as RS485 card reader

Device Info:

DS-K1T501SF firmware version: V1.1.0_build180202

DS-K2604 firmware version: V2.0.4_build180913

Step1: Set dip switch for K1T501SF(instruction available on User manual)

Appendix B DIP Switch Introduction

The DIP switch diagram is as follows:

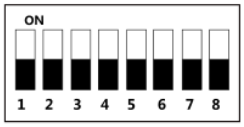

Table 7-2 Description of DIP Switch

Icon	Description
	Represent 1 in binary mode
	Represent 0 in binary mode

For example, binary value of the following status is: 0000 1100.

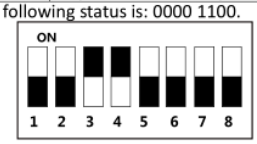

Table 7-3 Description of DIP Switch

No.	Description	DIP Switch Status
1 ~ 4	Address of RS-485	2: Security Module 0: Card Reader
5	RS-485 Direction under the Terminal Mode	1: Upstream; 0: Down Stream
6	Working Method	1: Card Reader; 0: Terminal.
7	Wiegand Protocol (available when No. 6 is 1)	1: Wiegand protocol of 26-bit; 0: Wiegand protocol of 34-bit.
8	Matched Resistance (available for RS-485 protocol)	1: Enable; 0: Disable.

For example, if K1T501SF use as RS485 reader 1(control K2604 lock1 entrance), follow front picture Set dip switch 1 (RS485 address), 5 (RS485 up stream) and 6 (Device work as card reader) as ON status.

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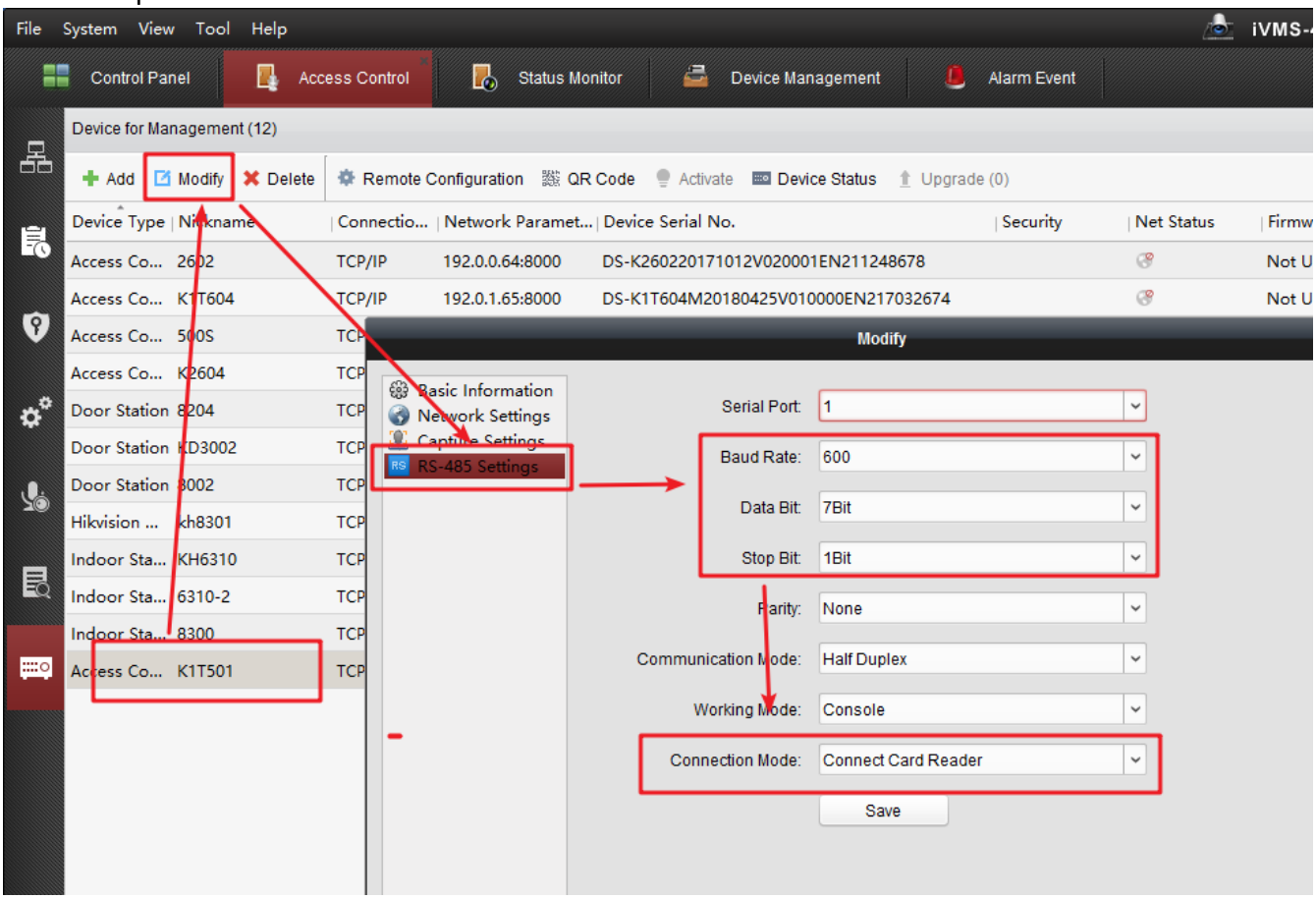
Step2: Set RS485 parameters and modify work mode. First picture is default setting, we need modify to same as second picture.



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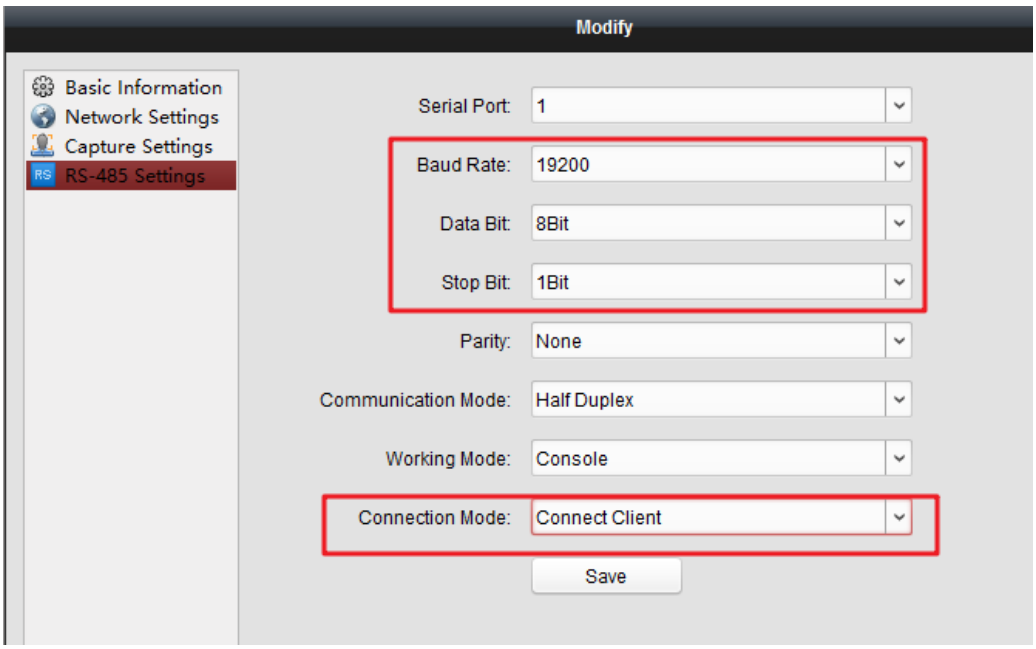
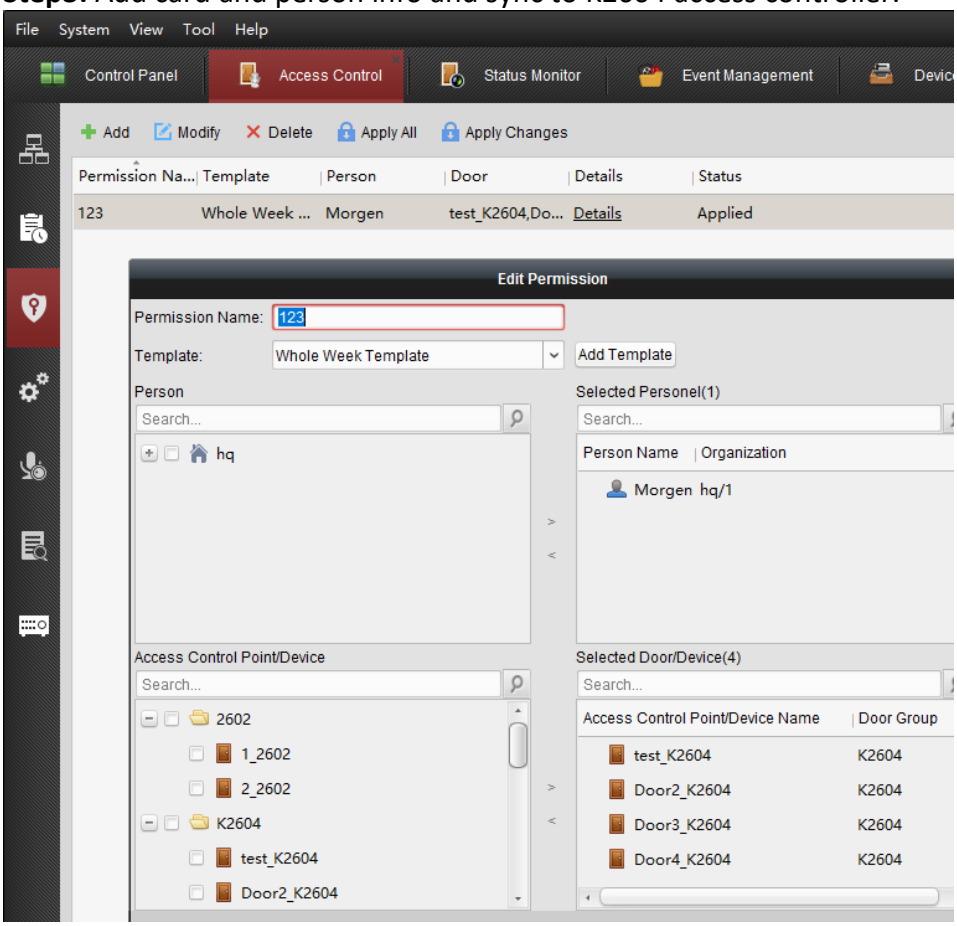


Step3: Add card and person info and sync to K2604 access controller.



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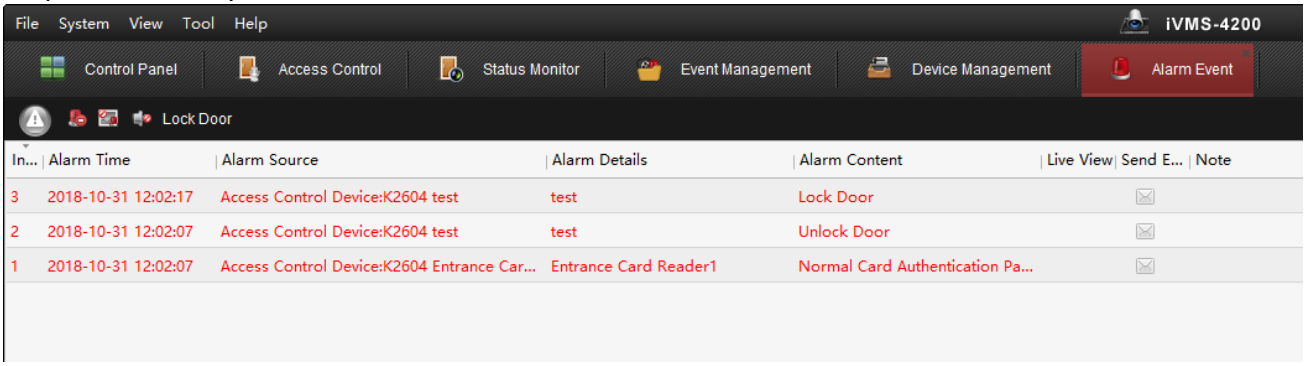
Step4: Test. Verify card on K1T501SF and check event from ivms-4200 software



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