CRT-531 TTL Interface Specification
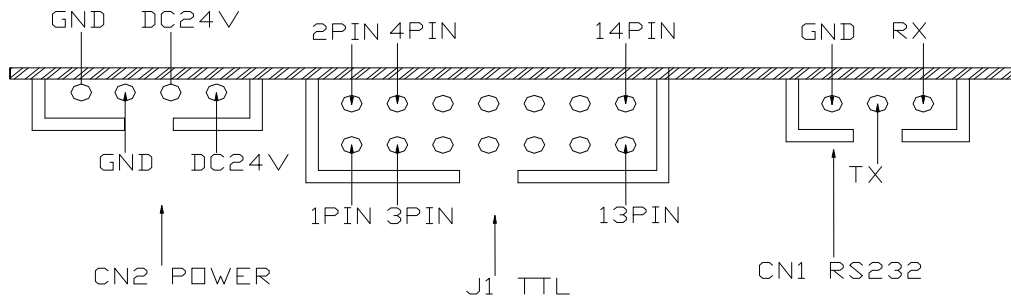
Pin No.	SIGNAL	IN / OUT	AVAILABILITY STATUS
1	Receive cards	IN	LOW impulse
2	Dispense card to the gate	IN	LOW impulse
3	Ground sensor	IN	Low falling
4	System Reserve	-	
5	Dispense step by step	IN	LOW impulse
6	Ground sensor available	IN	High impulse
7	Error card bin full	OUT	LOW impulse
8	Dispense success	OUT	LOW impulse
9	Pre-card indication	OUT	LOW impulse
10	Capture card success	OUT	LOW impulse
11	Receive card success	OUT	LOW impulse
12	Stacker empty/ fault	OUT	LOW impulse
13	Isolating GND	Isolating power	
14	Isolating Vcc	Isolating power	
15	System Reserve	-	
16	System Reserve	-	

Notes:

1. Low impulse: Recommended width (50-100ms)

2. Dispense step by step: First low impulse, Dispense card to card reading position.

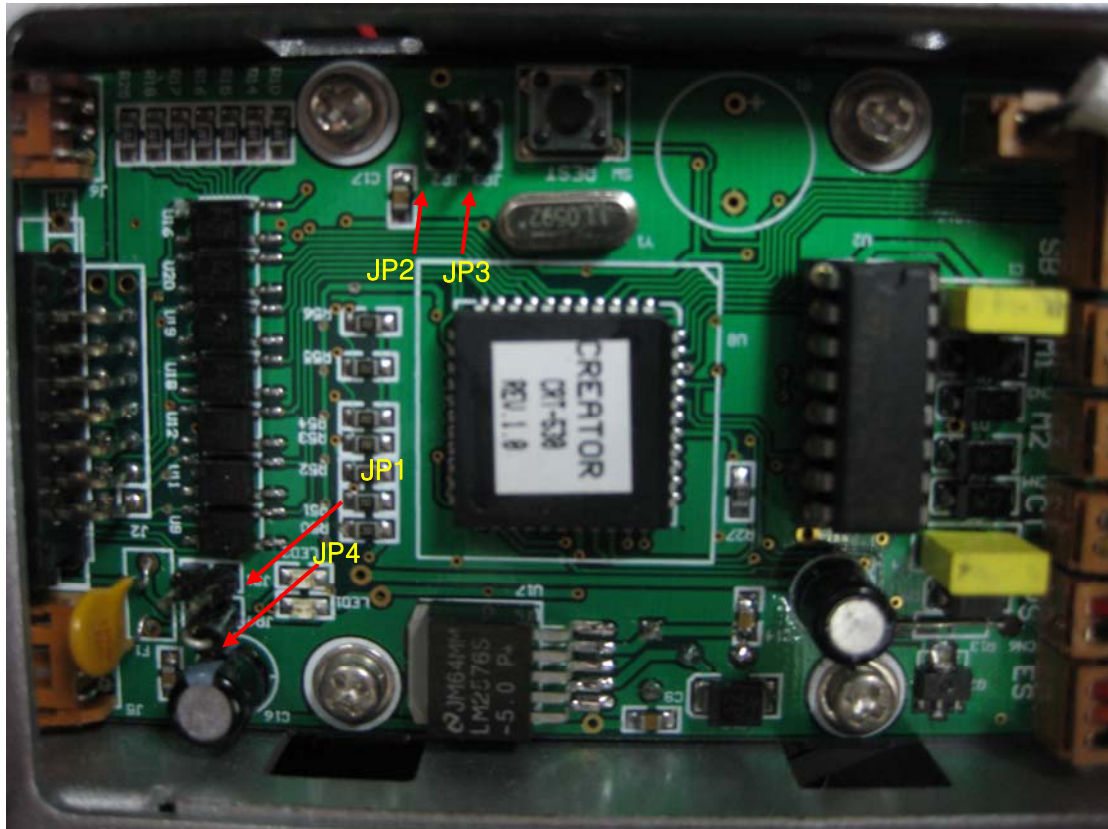3. Second low impulse, Dispense card to the gate.

4. Isolating power needed (Voltage do not higher than 12V, recommend 5V power)

5. Ground sensor available:

=1, require ground control signal

=0, do not require ground control signal

I.Jumper Layout for TTL interface

1). RS232 interface： Short-Circuit JP1&JP2
2). TTL interface： Short-Circuit JP1.

Short-Circuit by Jumper as following:

Short-Circuit Jumper

Appendix.

II. TTL Interface Image:

TTL Interface

FPC Connection with TTL interface

FPC