

# NBA-PEN4

## NBA DIP SWITCH SETTINGS: 1 (Pulse/ICT004U/RS232 A0/RS232 A1/ccTalk)

Supported bill PEN\$ 10, 20, 50, 100 4 bills.

	FUNCTION	SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
⊙	Accept PEN\$ 10	ON							
	Reject PEN\$ 10	OFF							
⊙	Accept PEN\$ 20		ON						
	Reject PEN\$ 20		OFF						
⊙	Accept PEN\$ 50			ON					
	Reject PEN\$ 50			OFF					
⊙	Accept PEN\$ 100				ON				
	Reject PEN\$ 100				OFF				
⊙	Reserve					ON			
	Reserve					OFF			
⊙	Reserve						ON		
	Reserve						OFF		
▲ ⊙	Harness Enable							ON	
▲	Harness Disable							OFF	
▲ ⊙	Inhibit Active High								ON
▲	Inhibit Active Low								OFF

## DIP SWITCHES SETTING : 2

	FUNCTION	SW1	SW2	SW3	SW4	SW1	SW2	SW3	SW4
▲ ⊙	1 pulse / PEN 10	OFF	OFF						
▲	2 pulses / PEN 10	ON	OFF						
▲	4 pulses / PEN 10	OFF	ON						
▲	10 pulses / PEN 10	ON	ON						
▲ ⊙	Pulse Speed	50ms on / 50ms off		OFF	OFF				
▲		30ms on / 50ms off		ON	OFF				
▲		60ms on / 300ms off		OFF	ON				
▲		150ms on / 150ms off		ON	ON				
⊙	ccTalk Mode					OFF	OFF		
	ICT004U Mode					ON	OFF		
	RS232 A1 Mode					OFF	ON		
	RS232 A0 Mode					ON	ON		
	ccTalk Parameters Restore Switch Please see "Note.3" for detail							ON	
⊙	ccTalk Interface							OFF	
⊙	Encryption Mode(for ccTalk Mode use only)								ON
	Decrypt Mode								OFF

(⊙) Factory setting. (▲) For pulse interface only.

Note: (3) Turn this dip to with restart the bill acceptor will restore CCtalk address to its default value of 40 and the encryption key to its default value of 123456.

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## DIP SWITCHES SETTING : 3

	FUNCTION	SW1	SW2	SW3	SW4
▲ ⊙	Credit-Pulse Normal HIGH	ON			
▲	Credit-Pulse Normal LOW	OFF			
▲ ⊙	Pulse Mode		ON		
	Others Mode (Note.2)		OFF		
	RFID function Enable			ON	
⊙	RFID function Disable			OFF	
	Laser error occurred BA will be still in working order				ON
⊙	BA will stop to work when it acknowledges Laser error occurred				OFF

(⊙) Factory setting.

(▲) For pulse interface only.

Note: (1) Please reset the bill acceptor after any changes on Dip switch.

- (2) SW2 (front panel right block) Dip Switch 1 to 4 are only for Pulse mode. if set to others mode, SW2 Dip Switch 1 to 4 can change to different interface.
- (3) Turn this dip to with restart the bill acceptor will restore ccTalk address to its default value of 40 and the encryption key to its default value of 123456.

(4) Barcode reader calibration procedure :

1. Turn all bill values under reject mode.
2. Restart power.
3. Insert the blank barcode ticket to calibrate the reader head, and NBA's bezel flashing in green for 2 seconds.
4. Restore the original dip switch setting and restart the power.

(5) RS232 A0 Information:

BillType Data	
Code	Denomination
1	PEN\$ 10
2	PEN\$ 20
3	PEN\$ 50
4	PEN\$ 100
5	Reserved
6	Reserved
7	Reserved
8	Reserved
9	Reserved

## Currency Assign Data

Interface Bill value	Pulse	ccTalk	ICT004U	RS232 A1	RS232 A0
BV1	PEN\$ 10	PEN\$ 10	PEN\$ 10	PEN\$ 10	PEN\$ 10
BV2	PEN\$ 20	PEN\$ 20	PEN\$ 20	PEN\$ 20	PEN\$ 20
BV3	PEN\$ 50	PEN\$ 50	PEN\$ 50	PEN\$ 50	PEN\$ 50
BV4	PEN\$ 100	PEN\$ 100	PEN\$ 100	PEN\$ 100	PEN\$ 100