

## NBA-UAH9

### NBA DIP SWITCH SETTINGS: 1 (Pulse/RS232 A0/ICT104U/RS232 A1/ccTalk)

Supported bill H 1, 2, 5, 10, 20, 50, 100, 200, 500 9 bills.

|     | FUNCTION            | SW1                              | SW2 | SW3 | SW4 | SW5 | SW6 | SW7 | SW8 |
|-----|---------------------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| ⊙   | Accept H 1          | ON                               |     |     |     |     |     |     |     |
|     | Reject H 1          | OFF                              |     |     |     |     |     |     |     |
| ⊙   | Accept H 2          |                                  | ON  |     |     |     |     |     |     |
|     | Reject H 2          |                                  | OFF |     |     |     |     |     |     |
| ⊙   | Accept H 5 & 10     |                                  |     | ON  |     |     |     |     |     |
|     | Reject H 5 & 10     |                                  |     | OFF |     |     |     |     |     |
| ⊙   | Accept H 20 & 50    |                                  |     |     | ON  |     |     |     |     |
|     | Reject H 20 & 50    |                                  |     |     | OFF |     |     |     |     |
| ⊙   | Accept H 100 & 200  |                                  |     |     |     | ON  |     |     |     |
|     | Reject H 100 & 200  |                                  |     |     |     | OFF |     |     |     |
| ⊙   | Accept H 500        |                                  |     |     |     |     | ON  |     |     |
|     | Reject H 500        |                                  |     |     |     |     | OFF |     |     |
| ▲ ⊙ | Harness Enable      |                                  |     |     |     |     |     | ON  |     |
| ▲   | Harness Disable     |                                  |     |     |     |     |     | OFF |     |
| ▲ ⊙ | Inhibit Active High | CRC 16-bit checksum(ccTalk only) |     |     |     |     |     |     | ON  |
| ▲   | Inhibit Active Low  | 8-bit checksum (ccTalk only)     |     |     |     |     |     |     | OFF |

### DIP SWITCHES SETTING : 2

| FUNCTION |  | SW1                 | SW2 | SW3 | SW4 | SW1 | SW2 | SW3 | SW4 |
|----------|--|---------------------|-----|-----|-----|-----|-----|-----|-----|
| ▲ ◎      | 1 pulse / H 1  | OFF                 | OFF |     |     |     |     |     |     |
| ▲        | 5 pulses / H 1   | ON                  | OFF |     |     |     |     |     |     |
| ▲        | 10 pulses / H 1  | OFF                 | ON  |     |     |     |     |     |     |
| ▲        | 25 pulses / H 1  | ON                  | ON  |     |     |     |     |     |     |
| ▲ ◎      | Pulse Speed  | 50ms LO / 50ms HI   |     | OFF | OFF |     |     |     |     |
| ▲        |  | 30ms LO / 50ms HI   |     | ON  | OFF |     |     |     |     |
| ▲        |  | 60ms LO / 300ms HI  |     | OFF | ON  |     |     |     |     |
| ▲        |  | 150ms LO / 150ms HI |     | ON  | ON  |     |     |     |     |
| ◎        | ccTalk Mode  |                     |     |     |     | OFF | OFF |     |     |
|          | ICT104U Mode   |                     |     |     |     | ON  | OFF |     |     |
|          | RS232 A1 Mode  |                     |     |     |     | OFF | ON  |     |     |
|          | RS232 A0 Mode  |                     |     |     |     | ON  | ON  |     |     |
| ◎        | ccTalk Parameters Restore Switch<br>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.

## NBA-UAH9(Pulse/RS232 A0/ICT104U/RS232 A1/ccTalk)

### 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             | H 1          |
| 2             | H 2          |
| 3             | H 5          |
| 4             | H 10         |
| 5             | H 20         |
| 6             | H 50         |
| 7             | H 100        |
| 8             | H 200        |
| 9             | H 500        |

### Currency Assign Data

| Interface<br>Bill value | Pulse | RS232 A0 | ICT104U | RS232 A1 | ccTalk |
|-------------------------|-------|----------|---------|----------|--------|
| BV1                     | H 1   | H 1      | H 1     | H 1      | H 1    |
| BV2                     | H 2   | H 2      | H 2     | H 2      | H 2    |
| BV3                     | H 5   | H 5      | H 5     | H 5      | H 5    |
| BV4                     | H 10  | H 10     | H 10    | H 10     | H 10   |
| BV5                     | H 20  | H 20     | H 20    | H 20     | H 20   |
| BV6                     | H 50  | H 50     | H 50    | H 50     | H 50   |
| BV7                     | H 100 | H 100    | H 100   | H 100    | H 100  |
| BV8                     | H 200 | H 200    | H 200   | H 200    | H 200  |
| BV9                     | H 500 | H 500    | H 500   | H 500    | H 500  |