

# Embedded Scanner/Printer Specification

## BS-U LA4



### High speed scan

- 300DPI B/W(black and white): 300mm/s
- 600DPI(black and white): 120mm/s
- 300DPI Gray: 300mm/s
- 600DPI Gray: 120mm/s

### High speed printing

- Up to 150mm/s(200DPI)

### Encode

- Betting slip OMR, Black mark OMR, PDF417(2D barcode), Code128(1D barcode),Code39,ITF25

### Application

- Mainly used in lottery terminal to scan and read betting slip and print some information on the betting slip.

## BS-U LA4



### SPECIFICATION:

|               | Item                   | Parameter                                 |                      |  |
|---------------|------------------------|---|----------------------|--|
| Scan          | Scanner                | CIS                                       |                      |  |
|               | Scan Width             | 75mm~216mm                                |                      |  |
|               | Resolution             | Horizontal                                | 200DPI / 400DPI      |  |
|               |                        | Vertical                                  | 101DPI/203DPI/406DPI |  |
|               | Scan Type              | Black White / Level Gray (8bits)          |                      |  |
|               | Scan Speed<br>(Note 1) | 101DPI                                    | 450 mm/s             |  |
|               |                        | 203DPI                                    | 300 mm/s             |  |
| 406DPI        |                        | 280 mm/s                                  |                      |  |
| Reading Ratio | OMR                    | ≥99.9%                                    |                      |  |
|               | Barcode                | ≥99%                                      |                      |  |
| Print         | Print Method           | Direct Thermal                            |                      |  |
|               | Print Width (Note 2)   | Max. 32mm                                 |                      |  |
|               | Resolution             | 203DPI × 203DPI                           |                      |  |
|               | Print Speed            | 150mm/s                                   |                      |  |
|               | Font                   | English Font / Number                     |                      |  |
|               | Character              | Rotation Print (00, 900, 1800, 2700)      |                      |  |
| Sensor        | Top Cover Detection    | Micro switch                              |                      |  |
| Reliability   | CIS lifetime           | 1000 Hours (Temperature 25℃)              |                      |  |
|               | TPH lifetime           | 100 Km (Print Ratio 12.5%)                |                      |  |
|               | MTBF                   | 3500 Hours                                |                      |  |
|               | MTTR                   | 30 Minutes                                |                      |  |
| Environment   | Operation Environment  | 5℃~45℃, 20~90% (40℃) RH (Non-condensed)   |                      |  |
|               | Storage Environment    | -40℃~60℃, 20~93% (40℃) RH (Non-condensed) |                      |  |
| Standard      | RoHS Complies          |   |                      |  |
| Size          | 265(W)×135(D)×82(H)mm  |   |                      |  |
| Weight        | 1.50 Kg                |   |                      |  |