



## ● H3 1D CCD Wireless Barcode Scanner with Charging Base

| 1     |                              | Scan performance  |
|-------|------------------------------|---|
| 1.1   | Light source:                | Visible red light, wavelength 632nm (two led lights)  |
| 1.1.2 | Optical system:              | Linear CCD Sensor   |
| 1.1.3 | Processor:                   | ARM32-bit   |
| 1.1.4 | Resolution:                  | 2500 pixels   |
| 1.1.5 | Reading accuracy:            | ≥3mil/0.127mm@PCS90%  |
| 1.1.6 | Decoding speed:              | Up to 300 times/second  |
| 1.1.7 | Scanning method:             | Button trigger scanning, Continuous scanning, Auto-sense scanning, Command control scanning   |
| 1.1.8 | Scan angle:                  | Test Conditions: CODE39,10mil/0.25mm,PCS90%<br>Pitch: ±60° Roll: ±30° Skew: ±60°  |
| 1.1.9 | Print contrast:              | ≥25%  |
| 1.2   | Support code system:         | EAN-8, EAN-13, Codabar, CODE11, CODE 39, CODE 93, CODE128, China Post, GS1-128, GS1 Limited, GS1 Omnidirectional, UPC-A, UPC-E, ISBN/ISSN, ISBT, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, MSI, Plessey, ITF14. |
| 1.2.1 | Scan depth of field:         | Code 39 8 bytes (5mil) 45mm~180mm<br>Code 39 10 bytes (20mil) 110mm~550mm<br>Code 39 5 bytes (40mil) 135mm~700mm<br>UPC/EAN 13 12 bytes (13.0mil) 40mm~400mm  |
| 2     |                              | Wireless parameters   |
| 2.1   | Transfer method:             | Wireless 2.4G + wired transmission  |
| 2.2   | 2.4G communication distance: | 200m visual distance  |
| 2.3   | Battery capacity:            | 2000mAh   |
| 2.4   | Charging time:               | 4-5 hours   |
| 2.5   | Standby time:                | Enter standby in 3 minutes  |
| 3     |                              | Electrical parameters   |
| 3.1   | Operating Voltage:           | DC 5V±5%  |
| 3.2   | Working current:             | 200mA   |

|          |   |   |
|----------|---|---|
| 3.3      | Stand-by current:                       | 0.6 $\mu$ A   |
| <b>4</b> | <b>Physical properties</b>              |   |
| 4.1      | Dimensions<br>length*width*height (mm): | Scanner: 165*70*75mm Charging Base: 210*85*75mm   |
| 4.2      | Weight:                                 | Scanner $\approx$ 166g Charging Base $\approx$ 214g   |
| 4.3      | Color:                                  | black   |
| 4.4      | Data line length                        | 1.2m  |
| 4.5      | Scanner gun material:                   | ABS   |
| 4.6      | Reminder mode:                          | Buzzer, LED indicator   |
| 4.7      | Interface support:                      | USB   |
| <b>5</b> | <b>Operating environment</b>            |   |
| 5.1      | Operating temperature:                  | -20 $^{\circ}$ C to 50 $^{\circ}$ C   |
| 5.2      | Storage temperature:                    | -40 $^{\circ}$ C to 70 $^{\circ}$ C   |
| 5.3      | Relative humidity:                      | 5% to 95% (non-condensing state)  |
| 5.4      | Ambient light resistance:               | 100,000Lux Max  |
| 5.5      | High and low temperature test:          | 30 minutes for high Temp., 30 minutes for low Temp.,<br>High temperature: 60 $^{\circ}$ C Low temperature: -20 $^{\circ}$ C |
| 5.6      | Transportation vibration test           | 10H@125RPM  |
| <b>6</b> | <b>Safety regulations</b>               |   |
| 6.1      | Earthquake resistance:                  | 2 meter free fall   |
| 6.2      | Related certifications:                 | CE ROHS FCC, etc  |

\*Test conditions: ambient temperature = 25 $^{\circ}$ C; ambient illumination = 150 lux incandescent lamp; use the test our standard sample code .