



## ● ZC-DS5000 1D CCD Wireless+ Bluetooth

|          |                                   |   |
|----------|-----------------------------------|---|
| <b>1</b> | <b>Scan performance</b>           |   |
| 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    | Reading angle:                    | Test Conditions: CODE39,10mil/0.25mm,PCS90%   |
| 1.1.9    | Print contrast:                   | ≥25%  |
| 1.2      | Supported barcode types:          | 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    | Depth of field:                   | Code 39 8bytes (5mil) 45mm~180mm<br>Code 39 10bytes (20mil) 110mm~550mm<br>Code 39 5bytes (40mil) 135mm~700mm<br>UPC/EAN 13 12bytes (13.0mil) 40mm~400mm  |
| <b>2</b> | <b>Wireless parameters</b>        |   |
| 2.1      | Transfer method:                  | Wireless 2.4G + Bluetooth (supports protocols 2.0, 3.0, 4.0, 4.2)<br>+ wired transmission   |
| 2.2      | 2.4G communication distance:      | 100m visual distance  |
|          | Bluetooth communication distance: | 20m visual distance   |
| 2.3      | Battery capacity:                 | 2000mAh   |
| 2.4      | Charging time:                    | 4-5 hours   |
| 2.5      | Standby time:                     | Enter standby in 3 minutes  |
| 2.6      | Charging input:                   | 5V 2A   |
| <b>3</b> | <b>Electrical parameters</b>      |   |

|          |   |  |
|----------|---|--|
| 3.1      | Operating Voltage:                      | DC 5V±5%   |
| 3.2      | Working current:                        | 200mA  |
| 3.3      | Stand-by current:                       | 0.6μA  |
| <b>4</b> | <b>Physical properties</b>              |  |
| 4.1      | Dimensions<br>length*width*height (mm): | 190*62*80mm  |
| 4.2      | Weight:                                 | ≈ 168g   |
| 4.3      | Color:                                  | Blue+black   |
| 4.4      | Data cable length                       | 1.2m   |
| 4.5      | Material:                               | ABS+PC   |
| 4.6      | Prompt method:                          | Buzzer, LED indicator, vibration                     |
| 4.7      | Interface support:                      | USB  |
| <b>5</b> | <b>Operating environment</b>            |  |
| 5.1      | Operating temperature:                  | -20°C to 50°C  |
| 5.2      | Storage temperature:                    | -40°C to 70°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., |
| 5.6      | Transportation vibration test           | High temperature: 60°C Low temperature: -20°C        |
| <b>6</b> | <b>Safety regulations</b>               |  |
| 6.1      | Earthquake resistance:                  | 1 meter free fall                                    |
| 6.2      | Related certifications:                 | CE ROHS FCC, etc                                     |

\*Test conditions: ambient temperature = 25°C; ambient illumination = 150 lux incandescent lamp; use the test our standard sample code