

DS7500 Wireless 2D Handheld Barcode Scanner



PRODUCT OVERVIEW

|              |                 |
|--------------|-----------------|
| Model        | DS7500          |
| Product Type | Barcode Scanner |

| Scanning Performance       |                                                                                                                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Decode Capabilities        | 1D/2D                                                                                                                                                                                                                                                                                  |
| Scan Engine                | CMOS                                                                                                                                                                                                                                                                                   |
| Image Sensor               | CMOS(Global Shutter)                                                                                                                                                                                                                                                                   |
| Sensor Resolution          | CMOS(Global Shutter) 640×480                                                                                                                                                                                                                                                           |
| Illumination               | White LED Red LED 0~100000 lux                                                                                                                                                                                                                                                         |
| Aiming System              | Red LED                                                                                                                                                                                                                                                                                |
| Minimum Element Resolution | 1D≥4 mil 2D≥5 mil                                                                                                                                                                                                                                                                      |
| Minimum Print Contrast     | ≥20%                                                                                                                                                                                                                                                                                   |
| Angular Tolerance          | Roll 360°, Pitch ± 55°, Skew ± 55° 48° H:40° V:30°                                                                                                                                                                                                                                     |
| Depth of Field             | EAN-13 50 mm-220 mm (13 mil)<br>Code39 40 mm-100 mm (5 mil 10 bytes)<br>QR Code 25 mm-240 mm (20 mil 16 bytes)<br>Data Matrix 50 mm-100 mm (10 mil 20 bytes)<br>PDF 417 30 mm-140 mm (6.67 mil 7 bytes)                                                                                |
| Supported Symbologies      | 2D QR Code, Data Matrix, PDF417, Aztec, MaxiCode, Han Xin Code 1D EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey, GS1 DataBar, GS1 Composite Code, Code 11, Industrial 25, Standard 25, Plessey, Matrix 2 of 5 |
| Trigger Modes              | Manual trigger, Continuous mode, Presentation mode                                                                                                                                                                                                                                     |

| Connectivity & Wireless |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| Connectivity            | Wireless, 2.4 GHz, Bluetooth 2.4 GHz wireless+Bluetooth (supported versions 2.0, 3.0, 4.0, 4.2) |
| Host Interfaces         | USB                                                                                             |
| Wireless Range          | 2.4 GHz: 100 m Bluetooth: 20 m                                                                  |
| Onboard Memory          | 64kb~2M                                                                                         |

| Power             |                            |
|-------------------|----------------------------|
| Battery Capacity  | 2000 mAh                   |
| Operating Time    | 3 minutes to enter standby |
| Standby Time      | 3 minutes to enter standby |
| Charge Time       | 4-5 hours 5V 2A            |
| Operating Voltage | DC 5V±5% 125 mA 0.6µA      |

| Physical Specifications |                                                    |
|-------------------------|----------------------------------------------------|
| Dimensions              | Scanner: 190 × 62 × 80 mm Cradle: 111 × 75 × 40 mm |
| Weight                  | Approx. 334 g                                      |
| Enclosure Material      | ABS+PC                                             |
| Color Options           | Blue, Black                                        |
| Cable Length            | 1.2 m                                              |
| Stand Included          | Yes                                                |
| User Feedback           | Buzzer, LED indicator,Vibration                    |

| Environmental & Compliance |                         |
|----------------------------|-------------------------|
| Drop Resistance            | 1 m free-fall drop      |
| Operating Temperature      | -10°C-50°C              |
| Storage Temperature        | -20°C-70°C              |
| Relative Humidity          | 5%-95% (non-condensing) |
| Ambient Light Immunity     | 0~100000 lux            |
| Certifications             | CE, RoHS, FCC           |