

## Specification

| MS910                   |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Performance/Optical     |                                                                                                                                                                                                                                                                              |
| Image Sensor            | Linear CMOS sensor                                                                                                                                                                                                                                                           |
| Light Source            | 625nm Visible Red LED                                                                                                                                                                                                                                                        |
| Max. Resolution         | 5 mil                                                                                                                                                                                                                                                                        |
| Scan Rate               | 240 scans/second                                                                                                                                                                                                                                                             |
| Skew Angle              | 20°                                                                                                                                                                                                                                                                          |
| Pitch Angle             | 30°                                                                                                                                                                                                                                                                          |
| Printing Contrast Scale | 30%                                                                                                                                                                                                                                                                          |
| Depth of Field          |                                                                                                                                                                                                                                                                              |
| Reading Distance        | Readable at 5 mil Code 39<br>30-140mm / 1.2 - 5.5 in (13mil EAN)<br>35-185mm / 1.4 – 7.3 in (15.6mil EAN)                                                                                                                                                                    |
| Width of Field          | Code 39: 200mm / 7.8 in / PCS=90% (40 mil)                                                                                                                                                                                                                                   |
| Operation Mode          | Trigger Mode / Flash Mode /<br>Continuous Mode                                                                                                                                                                                                                               |
| Decoder                 |                                                                                                                                                                                                                                                                              |
| Symbologies             | UPC-A/UPC/E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessey Code, RSS Code, UK Plessey Code, EAN/UCC 128, GS1 Code, and Telepen Code |
| Electrical              |                                                                                                                                                                                                                                                                              |
| Battery Type            | Lithium-Ion                                                                                                                                                                                                                                                                  |
| Battery Capacity        | 350mAh                                                                                                                                                                                                                                                                       |
| Battery Charging Time   | 2 hours                                                                                                                                                                                                                                                                      |
| Operating Time          | 8 hours (1 scan/5 seconds)                                                                                                                                                                                                                                                   |
| Environmental           |                                                                                                                                                                                                                                                                              |
| Operating Temperature   | 0°C to 50°C / 32°F to 122°F                                                                                                                                                                                                                                                  |

|                                           |                                         |
|-------------------------------------------|-----------------------------------------|
| Storage Temperature                       | -20°C to 60°C / -4°F to 140°F           |
| Relative Humidity                         | 20% to 85% (non-condensing)             |
| ESD Protection                            | 4kv contact / 8kv air                   |
| IP ranking                                | IP41                                    |
| Mechanical Shock                          | 1.5m / 4ft onto concrete                |
| <b>Communication</b>                      |                                         |
| Radio Frequency                           | 2.4GHz Wireless, Class 2                |
| Interface Supported                       | HID & SPP                               |
| Range                                     | 10m / 33ft                              |
| <b>Physical Characteristics (Scanner)</b> |                                         |
| Dimensions                                | L160 x W69 x H88mm / 6.3 x 2.7 x 3.4in  |
| Weight                                    | 160g / 5.6oz                            |
| <b>Physical Characteristics (Cradle)</b>  |                                         |
| Dimensions                                | L65.6xW24.2xH16.9 mm/ 2.6 x 1.0 x 0.7in |
| Weight                                    | 110g / 3.9oz                            |
| Power                                     | 3.7VDC                                  |
| <b>Regulatory Approvals</b>               |                                         |
| FCC Class B, CE                           |                                         |
| <b>Accessory</b>                          |                                         |
| Mini USB cable, Hand Strap, Tools CD      |                                         |