

# NLS-HR3260-CS

## **Cordless 2D Barcode Scanner**



The NLS-HR3260-CS cordless 2D barcode scanner, armed with the state-of-the-art barcode decoder chip invented by Newland, provides an ideal solution for most 1D/2D barcode scanning applications.

#### **Features**

#### Compact & Ergonomical Design This device fits comfortably in any user's hands to reduce the fatigue of long-time operation, well suited for scan-intensive applications.

#### Cutting-edge Technology

With its core technology (decoder chip) independently developed by Newland, the device delivers a superior decoding capability on 1D and 2D symbologies (including QR Code, Data Matrix, PDF417).

#### **Depth of Field**

Symbology	Barcode Density	Depth of Field (mm)
UPC-A	13mil	60 ~ 230
Code 39	20mil	50 ~ 290
PDF417	6.67mil	60 ~ 140
Data Matrix	10mil	40 ~ 150
QR	20mil	30 ~ 250

#### **Specifications**

Image Sensor   752×480 CMOS     Interfaces Supported   RS-232 / USB HID-KBW / USB COM Port Emulation     Symbologies   1D   60de 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, ISBN, Code 93, UCC/EAN-128, UCC/EAN-128, UCC/EAN-128, UCC/EAN-128, UCC/EAN-128, UCC/EAN-128, USS, Code 11, ISBN, Code 93, UCC/EAN-128, UCC/EAN-128, UCC/EAN-128, USS, Code 11, ISBN, Code 12, ISSN Databar, UCM, ISSN Databar, ISSN Databar, UCM, ISSN Datab	Performance			
2D   PDF417, QR Code, Data Matrix     Symbologies   1D   Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 33, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.     Precision   ≥ 5mil     Light Intensity   300 LUX (130 mm)     Symbol Contrast   ≥ 25%     Scan Angle**   Roll: 360°, Pitch: ±55°, Skew: ±55°     Pield of View   Horizontal 42°; Vertical 27.5°     Physical   U     Dimensions of Scanner(L x W x H)   113.5 × 73.0 × 159.0 mm     Dimensions of Cradle(L x W x H)   113.5 × 73.0 × 159.0 mm     Dimensions of Cradle(L x W x H)   195 × 82.5 × 47 mm     Weight of Cradle   150 g     Environmental   - 20°C to +50°C     Storage Temperature   - 20°C to +50°C     Storage Temperature   - 20°C to +70°C     Humidity   5% to 39% (non-condensing)     ESD   Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)     Cradie: ± 6 KV (contact discharge); ± 15 KV (air discharge)     Communication Mode   Synchronous, Asynchronous and Batch modes     Radio Technology   2.4 to 2.4835 GHz ISM Band, Zigbee technology     Communication Rame   Son and Lion Battery     Charging Time   4.5 hours for full charge     Number of Scans <td< th=""><th>Image Sensor</th><th colspan="2">mage Sensor 752×480 CMOS</th></td<>	Image Sensor	mage Sensor 752×480 CMOS		
Symbologies   1D   Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-6, ITF-14, ISBN, Code 39, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.     Precision   ≥ 5mil     Light Source   Red LED 625±10 nm     Light Source   Red LED 625±10 nm     Light Intensity   300 LUX (130 mm)     Symbol Contrast   ≥ 25%     Scan Angle**   Roli: 360°; Pitch: ±55°; Skew: ±55°     Field of View   Horizontal 42°; Vertical 27.5°     Physical   Dimensions of Scarre/L x W x H)     Dimensions of Cradle (L x W x H)   195×82.5×47 mm     Weight of Scanner   252 g     Weight of Scanner   252 g     Weight of Scanner   20°C to +50°C     Storage Temperature   -20°C to +50°C     Communication Moure   Sunchronous, Asynchronous and Batch modes <	Interfaces Supporte	ed	RS-232 / USB HID-KBW / USB COM Port Emulation	
Symbologies   ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.     Precision   ≥ 5mil     Light Source   Red LED 625±10 nm     Light Source   Red LED 625±10 nm     Scan Angle**   Roll: 360°, Pitch: ±55°, Skew: ±55°     Field of View   Horizontal 42°; Vertical 27.5°     Physical   I13.5×73.0×159.0 mm     Dimensions of Cradle (L x W x H)   113.5×73.0×159.0 mm     Dimensions of Cradle (L x W x H)   195×82.5×47 mm     Weight of Scanner   252 g     Weight of Scanner   250 g     Environmental   150 g     Environmental   -20°C to +50°C     Storage Temperatur   -20°C to +70°C     Humidity   5% to 93% (non-condensing)     ESD   Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)     Cradie: ± 6 KV contact discharge); ± 15 KV (air discharge)     Cradie: ± 6 kV (contact discharge); ± 15 KV (air discharge)     Cradie: ± 6 kV (contact discharge); ± 8 kV (air discharge)     Cradie: ± 6 kV contact discharge); ± 15 kV (air discharge)     Cradie: ± 6 kV contact discharge); ± 15 kV (air discharge)     Cradie: ± 6 kV contact discharge); ± 15 kV (air dis		2D	PDF417, QR Code, Data Matrix	
III6, III14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.     Precision   ≥ 5mil     Light Intensity   300 LUX (130 mm)     Symbol Contrast   ≥ 25%     Scan Angle**   Roll: 360°; Pitch: ±55°; Skew: ±55°     Field of View   Horizontal 42°; Vertical 27.5°     Physical   Dimensions of Scanner(L x W x H)     Dimensions of Cradle(L x W x H)   195×82.5×47 mm     Weight of Scanner   252 g     Weight of Cradle   150 g     Environmental   20°C to +50°C     Storage Temperature   -20°C to +50°C     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)     ESD   Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)     Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)     Ambient Light   0 - 100,000 LUX (natural light)     Wireless   Synchronous, Asynchronous and Batch modes     Radi Technology   2.4 to 2.4835 GHz IBM Band, Zigbee technology     Communication Rame   Synchronous, Asynchronous and Batch modes     Radi Technology   2.4 to 2.4835 GHz IBM Band, Zigbee technology     Cohrologis	Cumula a la aria a	1D	Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5,	
Precision     ≥ 5mil       Light Source     Red LED 625±10 nm       Light Intensity     300 LUX (130 mm)       Symbol Contrast     ≥ 25%       Scan Angle**     Roll: 360°; Pitch: ±55°; Skew: ±55°       Field of View     Horizontal 42°; Vertical 27.5°       Physical     Ital SACT,	Symbologies		ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11,	
Light Source     Red LED 625±10 nm       Light Intensity     300 LUX (130 mm )       Symbol Contrast     ≥ 25%       Scan Angle*     Rolt: 360°; Pitch: ±55°; Skew: ±55°       Field of View     Horizontal 42°; Vertical 27.5°       Physical     113.5×73.0×159.0 mm       Dimensions of Cradle(L x W x H)     195×82.5×47 mm       Weight of Cradle     150 g       Environmental     55% to 93% (non-condensing)       Environmental     -20°C to +50°C       Storage Temperature     -20°C to +50°C       Condet ± 8 KV (contact discharge); ± 15 KV (air discharge)       ESD     Cradle: ± 6 KV (contact discharge); ± 15 KV (air discharge)       Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technolog ×     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Ramge     50 m <td< th=""><th></th><th></th><th>Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.</th></td<>			Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.	
Light Intensity     300 LUX (130 mm)       Symbol Contrast     ≥ 25%       Scan Angle**     Roli: 360°; Pitch: ±55°; Skew: ±55°       Field of View     Horizontal 42°; Vertical 27.5°       Physical     113.5×73.0×159.0 mm       Dimensions of Scanner(L x W x H)     195×82.5×47 mm       Weight of Scanner     252 g       Weight of Scanner     252 g       Doperating Temperature     -20°C to +50°C       Storage Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Subol scans per charge (30 scans per minute	Precision		≥ 5mil	
Symbol Contrast     ≥ 25%       Scan Angle*     Roll: 360°; Pitch: ±55°; Skew: ±55°       Field of View     Horizontal 42°; Vertical 27.5°       Physical     Dimensions of Scanner(L x W x H)     113.5 × 73.0 × 159.0 mm       Dimensions of Cradle(L x W x H)     195 × 82.5 × 47 mm     Weight of Scanner       Weight of Scanner     252 g     Weight of Cradle     150 g       Environmental     -20°C to +50°C     Storage Temperature     -20°C to +70°C       Storage Temperature     -20°C to +70°C     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Ambient Light     5% to 93% (non-condensing)     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Cradie:     ± 6 KV (contact discharge); ± 15 KV (air discharge)     Cradie: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Ambient Light     0 + 00,000 LUX (natural light)     Wireless       Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     24 to 2.4835 GHz ISM Band, Zigbee technology       Communication Rarge     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans J     15000 scans per charge (30 scans per minute, wireless transmission)	Light Source	Jht Source Red LED 625±10 nm		
Scan Angle**     Roll: 360°; Pitch: ±55°; Skew: ±55°       Field of View     Horizontal 42°; Vertical 27.5°       Physical     III.3.5×73.0×159.0 mm       Dimensions of Cradle(L x W x H)     113.5×73.0×159.0 mm       Dimensions of Cradle(L x W x H)     195×82.5×47 mm       Weight of Scanner     252 g       Weight of Cradle     150 g       Environmental     -20°C to +50°C       Storage Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Cradle:     ± 6 KV (contact discharge); ± 15 KV (air discharge)       Kireless     Cradle:     ± 6 KV (contact discharge); ± 15 KV (air discharge)       Ambient Light     0 - 100.000 LUX (natural light)     Vireless       Communication Mode     Synchronous, Asynchronous and Batch modes     Radio Technology       Communication Rarge     50 m     Battery     2200 mAh Li-ion Battery       2000 mAh Li-ion Battery     2200 mAh Li-ion Battery     2200 mAn Li-ion Battery       Charging Time     4.5 hours for full charge     Scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B     Lead to connect th	Light Intensity		300 LUX (130 mm )	
Field of View     Horizontal 42°; Vertical 27.5°       Physical     International 42°; Vertical 27.5°       Dimensions of Scanner(L x W x H)     113.5 × 73.0 × 159.0 mm       Dimensions of Cradle(L x W x H)     195 × 82.5 × 47 mm       Weight of Scanner     252 g       Weight of Cradle     150 g       Environmental     -20°C to +50°C       Operating Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Cradle:     ± 6 KV (contact discharge); ± 15 KV (air discharge)       Mireless     Cradle:     ± 6 KV (contact discharge); ± 8 KV (air discharge)       Communication Mode     Synchronous, Asynchronous and Batch modes     Statement       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology     Communication Rame     50 m       Battery     2200 mAh Li-ion Battery     Colo scans per charge (30 scans per minute, wireless transmission)     Certifications       FCC Part16 Class B, CE EMC Class B     Used to connect the cradle to a host device.     Used to connect the cradle to a host device.       Quest do provide power to the cradle.     Used to provide power to the cradle.     Used to provide power to the cradle.	Symbol Contrast		≥ 25%	
Physical       Dimensions of Scanner(L x W x H)     113.5 × 73.0 × 159.0 mm       Dimensions of Cradle(L x W x H)     195 × 82.5 × 47 mm       Weight of Scanner     252 g       Weight of Cradle     150 g       Environmental     -20°C to +50°C       Storage Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge) Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     Synchronous, Asynchronous and Batch modes       Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Rarge     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       Accessories     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.	Scan Angle** R		Roll: 360°; Pitch: ±55°; Skew: ±55°	
Dimensions of Scanner(L x W x H)     113.5 × 73.0 × 159.0 mm       Dimensions of Cradle(L x W x H)     195 × 82.5 × 47 mm       Weight of Scanner     252 g       Weight of Cradle     150 g       Environmental     -20°C to +50°C       Storage Temperature     -20°C to +50°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     -20°C to +10°C       Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Rarge     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       Accessories     Used to connect the cradle to a host device.       Used to oprovide power to the cradle.     Verde to provide power to the cradle.	Field of View		Horizontal 42°; Vertical 27.5°	
Dimensions of Cradle(L x W x H)     195×82.5×47 mm       Weight of Scanner     252 g       Weight of Cradle     150 g       Environmental     -20°C to +50°C       Storage Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       Accessories     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.	Physical			
Weight of Scanner     252 g       Weight of Cradle     150 g       Environmental     -20°C to +50°C       Storage Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Ambient Light     0 ~0000 LUX (natural light)       Wireless     Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       FCC Part15 Class B, CE EMC Class B     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.	Dimensions of Scanner(L x W x H)		113.5×73.0×159.0 mm	
Weight of Cradle     150 g       Environmental     -20°C to +50°C       Storage Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge) Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     V       Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Rarge     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     1500 scans per charge (30 scans per minute, wireless transmission)       Certifications     Isoba scans per charge (30 scans per minute, wireless transmission)       Certifications     Isoba scans per charge (30 scans per minute, wireless transmission)       Certifications     Used to connect the cradle to a host device.       Used to connect the cradle to a host device.     Used to provide power to the cradle.	Dimensions of Cradle(L x W x H)		195×82.5×47 mm	
Environmental       Operating Temperature     -20°C to +50°C       Storage Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     C Sours ser charge (30 scans per minute, wireless transmission)       Certifications     EMC Class B       Accessories     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.	Weight of Scanner 2		252 g	
Operating Temperature     -20°C to +50°C       Storage Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge) Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     Communication Mode       Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       Accessories     Used to connect the cradle to a host device.       Used to connect the cradle to a host device.     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.	Weight of Cradle 150 g		150 g	
Storage Temperature     -20°C to +70°C       Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge) Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     Communication Mode       Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       Accessories     Used to connect the cradle to a host device. Used to connect the cradle to a host device. Used to provide power to the cradle.       Power Adantor     Used to provide power to the cradle.	Environmental			
Humidity     5% to 93% (non-condensing)       ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology     Communication Radio Technology       Communication Rarge     50 m     Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B     J5000 scans per charge (30 scans per minute, wireless transmission)       Certifications     Used to connect the cradle to a host device.     Used to connect the cradle to a host device.       VBB Cable     Used to provide power to the cradle.     Used to provide power to the cradle.	Operating Temperature		-20°C to +50°C	
ESD     Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge) Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     Communication Mode       Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Rarge     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       Accessories     Used to connect the cradle to a host device.       Used to connect the cradle to a host device.     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.	Storage Temperature		-20°C to +70°C	
ESD     Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)       Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     Communication Mode       Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       Accessories     Used to connect the cradle to a host device.       Cable     RS-232 Cable USB Cable     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.	Humidity		5% to 93% (non-condensing)	
Ambient Light     0 ~ 100,000 LUX (natural light)       Wireless     Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       Accessories     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.	ESD		Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge)	
Wireless     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       Accessories     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.			Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)	
Communication Mode     Synchronous, Asynchronous and Batch modes       Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Rarge     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       FCC Part15 Class B, CE EMC Class B     4.5 hours the cradle to a host device.       Cable     RS-232 Cable USB Cable     Used to connect the cradle to a host device.       Vest to connect the cradle to a host device.     Used to provide power to the cradle.	Ambient Light		0 ~ 100,000 LUX (natural light)	
Radio Technology     2.4 to 2.4835 GHz ISM Band, Zigbee technology       Communication Range     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       FCC Part15 Class B, CE EMC Class B     Used to connect the cradle to a host device.       Used to connect the cradle to a host device.     Used to connect the cradle to a host device.       Power Adaptor     Used to provide power to the cradle.	Wireless			
Communication Rarge     50 m       Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     15000 scans per charge (30 scans per minute, wireless transmission)       FCC Part15 Class B, CE EMC Class B     FCC Part15 Class B       Accessories     Used to connect the cradle to a host device.       Cable     RS-232 Cable USB Cable     Used to connect the cradle to a host device.       Power Adaptor     Used to provide power to the cradle.	Communication Mo	ode	Synchronous, Asynchronous and Batch modes	
Battery     2200 mAh Li-ion Battery       Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       FCC Part15 Class B, CE EMC Class B     Used to connect the cradle to a host device.       Cable     RS-232 Cable USB Cable     Used to connect the cradle to a host device.       Power Adaptor     Used to provide power to the cradle.	Radio Technology		2.4 to 2.4835 GHz ISM Band, Zigbee technology	
Charging Time     4.5 hours for full charge       Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     EMC Class B       FCC Part15 Class B, CE EMC Class B     EMC Class B       Accessories     Used to connect the cradle to a host device.       Cable     RS-232 Cable USB Cable     Used to connect the cradle to a host device.       Power Adaptor     Used to provide power to the cradle.	Communication Range		50 m	
Number of Scans     15000 scans per charge (30 scans per minute, wireless transmission)       Certifications     FCC Part15 Class B, CE EMC Class B       FCC Part15 Class B, CE EMC Class B     Accessories       Accessories     Used to connect the cradle to a host device.       Cable     RS-232 Cable USB Cable     Used to connect the cradle to a host device.       Power Adaptor     Used to provide power to the cradle.	Battery		2200 mAh Li-ion Battery	
Certifications       FCC Part15 Class B, CE EMC Class B       Accessories       Cable     RS-232 Cable USB Cable     Used to connect the cradle to a host device. Used to connect the cradle to a host device.       Power Adaptor     Used to provide power to the cradle.	Charging Time		4.5 hours for full charge	
FCC Part15 Class B, CE EMC Class B       Accessories       Cable       Used to connect the cradle to a host device.       Used to connect the cradle to a host device.       Used to connect the cradle to a host device.       Used to connect the cradle to a host device.       Used to provide power to the cradle.	Number of Scans		15000 scans per charge (30 scans per minute, wireless transmission)	
Accessories       Cable     RS-232 Cable USB Cable     Used to connect the cradle to a host device.       Power Adaptor     Used to provide power to the cradle.	Certifications			
RS-232 Cable     Used to connect the cradle to a host device.       USB Cable     Used to connect the cradle to a host device.       Used to provide power to the cradle.     Used to provide power to the cradle.				
Cable   USB Cable   Used to connect the cradle to a host device.     Power Adaptor   Used to provide power to the cradle.	Accessories			
USB Cable Used to connect the cradle to a host device. Used to provide power to the cradle.	Cable			
Power Adaptor		USB Cable		
Output: DC5V, 1.5A; Input: AC100~240V, 50~60Hz	Power Adaptor			
			Output: DC5V, 1.5A; Input: AC100~240V, 50~60Hz	

\*\*Test conditions:

Code 39, 3 Bytes; Resolution=10mil; W:N=2.5:1; PCS=0.8; Barcode Height=40mm; Scan Distance=210mm, T=23°C, Illumination= 200 LUX

### **Contact Us**

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