

PRODUCT INFORMATION

Product Description	ESD 2D Wire Scanner
Packing	1pc/box
Product Code	4311-0012
Material Colour	Black
Warranty	1 Year
Application	Express /Logistics /Supermarket chain /Manufacture/ Institution
Recommended Storage Condition	Temperature: -40°C -70°C Humidity: 0%-95%



PHYSICAL SPECIFICATION

No	Item	Specification	Tolerance
A	Length	90mm	±3mm
B	Width	68mm	±3mm
C	Height	170mm	±3mm
D	Wire Length	1800mm	±20mm

MATERIAL SPECIFICATION

No	Item	Material/ Type
1	Scanner	Acrylonitrile Butadiene Styrene (ABS) –Antistatic coating
2	Wire	Rubber & Copper
3	ESD Logo	Stick on the Scanner

PHYSICAL CHARACTERISTICS

No	Item	Specification
1	Input Voltage	DC4.7-5V
2	Operating Voltage	DC3.3V
3	Operating Current	170MA
4	Standby Current	20MA
5	Surface Resistance	$1.0E04 \leq R < 1.0E09$

PERFORMANCE CHARACTERISTICS

No	Item	Specification
1	Image (Pixels)	640pixels (H) X 480pixels(V)
2	Light Source	Aiming630nmLED; illumination: 6500KLED
3	Field of View	D:64/H:53/V:39
4	Roll/Pitch/Yaw	$360^\circ / \pm 55^\circ / \pm 55^\circ$
5	Print Contrast	25% minimum reflective difference
6	Motion Tolerances	Up to 1.8 meters per second
7	Interfaces Supported	USB (HID-KBW, Virtual serial port) RS232

DECODE CAPABILITY

No	Item	Specification
1	1-D	EAN,UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Coda bar, ISSN, ISBN, GS1 Databar,GS1 Composite Code, Code 11,Industrial 25, MSI-Plessey Standard 25,Plessey, Matrix 2 of 5, ITF-6,ITF-14, Interleaved 2 of 5
2	2-D	QR Code, Data Matrix, Maxi code, PDF417,Aztec, Maxi code, Han Xin etc.

USE ENVIRONMENT

No	Item	Specification
1	Operating Temperature	-20°c -50°c
2	Storage Temperature	-40°c -70°c
3	Humidity	0% - 95% relative humidity, non-condensing
4	Shock Specifications	Designed to withstand 1.5m (6)drops
5	Ambient Lighting	0-100000LUX

DECODE RANGES

No	Item	Specification
1	EAN-13	50mm-150mm (13mil)
2	Code39	40mm-120mm (5mil 10byte)
3	QR Code	25mm-180mm (20mil 16byte)
4	Data Matrix	50mm-90mm (10mil 20byte)
5	PDF 417	30mm-90mm (6.67mil 7byte)
6	1D Minimal Resolution	4-5mil
7	2D Minimal Resolution	≥4.5mil
The depth of field can be adjusted according to the customer's application. Performance may be impacted by bar code quality and environmental conditions.		

CUSTOMER ACKNOWLEDGEMENT

Version	Revision Date	Pro-Pack Sales PIC (Name/ Signature)	Customer Acknowledgement (Name/ Signature)
A	18 May 2022		