



2D DESKTOP BARCODE SCANNER ED800



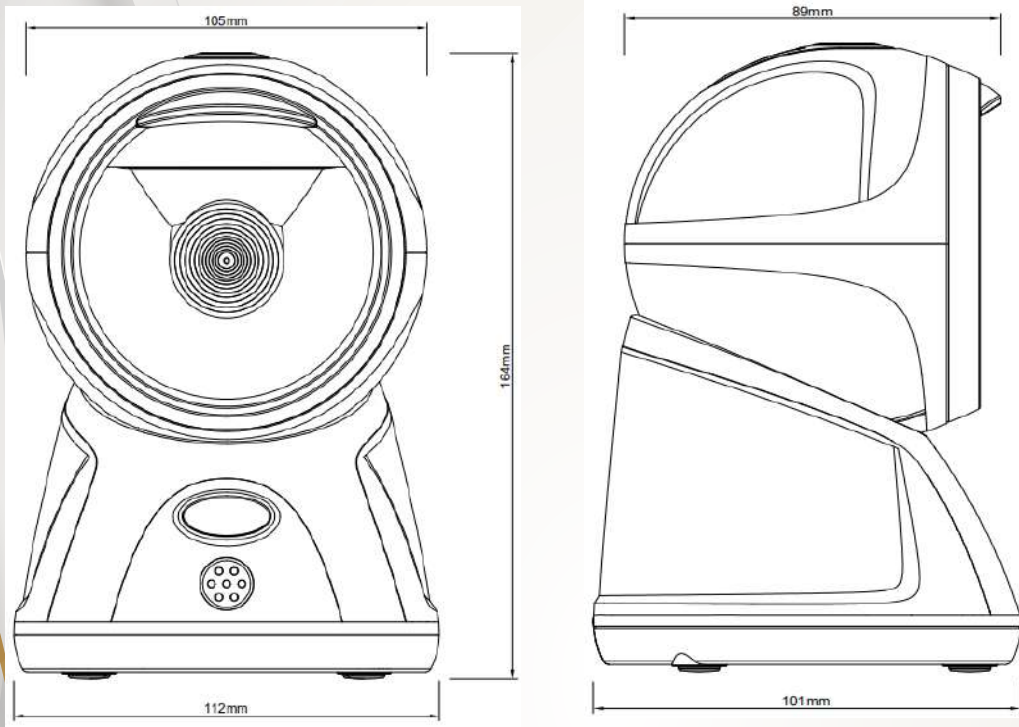
ED800 Features

- 300,000 pixels global shutter, with 2M/s Motion Tolerance.
- Fast decoding speeds at 120 FPS/s.
- Precision: 4 mils (3mils supports customization.)
- Easily read the paper, plastic, mobile phones, LCD displays, etc., and even high-precision, wrinkled, damaged, or poorly printed bar codes.
- Bright red LEDs for illuminating scanning surfaces.
- Read all mainstream 1D&2D bar codes.
- Support JPOS/OPOS interfaces



ELITE

ED800 Dimension



Product maintenance tips?

1. The reading window must be kept clean.
2. Avoid hard and rough objects to wear or scratch the reading window;
3. Use a brush to remove stains on the reading window;
4. Please use a soft cloth to clean the window, such as glasses cleaning cloth;
5. It is forbidden to spray any liquid on the window;
6. It is forbidden to use any cleaning agents other than clean water.

ED800 Factory standard & Packaging size

Model	ED800	Interface	USB, USB COM
Scanner(1PC)	313g	Color	Black&Grey
Status	Scanner and cable are split	Cable	1.6m
Official standard	Scanner/USB cable/manual/packaging box		



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ED800 Features

Performance Parameter																									
Light Source	LED Red light (Osram from Germany)																								
Image sensor	640*480 pixels																								
Resolution(maximum)	0.102mm / 4mils																								
Print contrast ratio(minimum)	≥15%																								
Motion tolerance	2M/sec																								
Reading Angle	Pitch: 0-360°; Roll(Tilt): ±60°; Skew (Yaw): ±60°																								
Decoding Capability	1D: All standard 1D codes, including GS1 DataBar™ linear code can be automatically distinguished and decoded. 2D: Aztec Code; Data Matrix; MaxiCode; QRCode; HANXIN; MicroQR Code Stack code: GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; GS1 DataBar Composite; MicroPDF417; PDF417.																								
Reading Indicators	LED light&Buzzer(adjustable tone and volume)																								
Typical depth of Field	<table border="1"><thead><tr><th>Precision</th><th>Barcode</th><th>Depth of Field</th></tr></thead><tbody><tr><td>5mil</td><td>CODE128</td><td>1mm—80mm</td></tr><tr><td>5mil</td><td>EAN-13</td><td>1mm—80mm</td></tr><tr><td>13.34mil</td><td>EAN-13</td><td>5mm—245mm</td></tr><tr><td>5mil</td><td>PDF417</td><td>5mm—70mm</td></tr><tr><td>10mil</td><td>PDF417</td><td>5mm—180mm</td></tr><tr><td>15mil</td><td>PDF417</td><td>10mm—280mm</td></tr><tr><td>20mil</td><td>DM</td><td>5mm—80mm</td></tr></tbody></table> <p>(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)</p>	Precision	Barcode	Depth of Field	5mil	CODE128	1mm—80mm	5mil	EAN-13	1mm—80mm	13.34mil	EAN-13	5mm—245mm	5mil	PDF417	5mm—70mm	10mil	PDF417	5mm—180mm	15mil	PDF417	10mm—280mm	20mil	DM	5mm—80mm
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Physical characteristics																									
Color available	Black&Orange&Blue																								
Dimensions (L*W*H)	112*101*164mm																								
Weight	313g																								
Cable	1.6m																								
Electrical Parameter																									
Current	Working current (Standard): < 300 mA Standby current (Standard): < 210 mA																								
Input Voltage	5 VDC (+/- 10%)/500mA																								
Environmental Parameter																									
ESD protection(Air discharge)	8 kV																								
Drop resistance	Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface.																								
Particulate and water sealing	IP52																								
Temperature	Operation: -20 to 40 °C Storage/Transport: -40 to 70 °C																								
Humidity(non-condensing)	5 - 95%																								
Ambient light	0 -100,000 lux																								
Interfaces																									
Interfaces	RS-232; USB HID; USB COM; HID POS available as per customer's needs																								
Warranty																									
	2years warranty																								