

E100 Embedded Barcode Scanner

- Multiple interface choices
- Induction recognition activated immediately when objects approaching
- Ultra-thin integrated design saves installation space
- Ultra-large recognition window helps to recognize various barcodes smoothly
- Intelligent fill light system to quickly identify different screen barcodes
- Independent R&D of core decoding technology, recognizing the screen barcodes more effectively



Ultra large recognition window



Multiple interface choices



Specification

Scanning Parameter	
Image Sensor	CMOS
Pixel	640 X 480
Illumination	White LED
Symbologies	2D: PDF417, QR Code, Data Matrix, HanXin, Maxicode etc 1D: Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, RSS-14, RSS-Limited, RSS-Expand etc
Resolution	≥5mil
Typical DOF	13mil ENA: 10mm~65mm 20mil QR: 10mm~60mm Mobile payment code(5.5 inch screen): 10mm~130mm
Recognition Sensitivity	pitch ±60° tilt 360° skew ±60°
Recognition FOV	Horizontal 67° Vertical 52°
Symbol Contrast	≥20 %

Physical Parameter	
Dimension(mm)	65 (D) * 61.5 (W) * 28.4 (H)
Weight	31g
Shell Material	ABS
Interfaces	Micro USB, 12-PIN FPC
Communication Interfaces	USB, USB virtual serial port, TTL serial port
Notification	External buzzer, LED light
Trigger Method	Induction recognition, Continuous recognition, Host Mode

Electrical Parameter	
Operating Voltage	5VDC±5%
Operating Current	Stand by: 145mA Working: 200mA

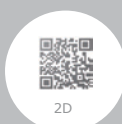
Application fields



Environment Parameter	
Operating Temperature	-20 °C~+50 °C
Storage Temperature	-40 °C~+70 °C
Relative Humidity	5%~95%(No Condensation)
ESD	±8kV (Air discharge) ±4 kV(Direct discharge)
Environment Luminosity	0~100, 000LUX
Certification	CE FCC ROHS
Test Condition	Environment temperature: 23°C Environment illumination: 300LUX filament lamp DOF depends on the resolution, contrast of the printing codebar, and the environment illumination



1D



2D



Transportation



Retail



Manufacture



Hospitality



Windows



iOS