

QUICKLY SCAN 2D WIRELESS BARCODE SCANNER

EC280



KEY FEATURES

- Drop and vibration resistant with robust 2D structure
- High-performance MCU for rapid 1D/2D decoding
- Multiple modes: trigger, induction, command control
- 3MIL+ resolution for daily scanning needs
- 2D CMOS imaging handles paper, print, plastic, and screen



MODEL	EC280
Spare Part List	
Operation Guide	Used for general settings
Power Adapter (optional)	Output: DC5V 1A, Input: AC100~240V 50~60Hz. It can be used for serial power supply
Cable	USB: It is used for USB communication with connecting barcode scanner and host RS232 (optional): It is used for serial communication with connecting barcode scanner and host DC power supply head is provided as well USB Power Cable (optional): It is used for serial port power supply with connecting barcode scanner and host
Mechanical/Electrical	
Product Weight	150g (without cable)
Packed Weight	350g (USB)
Appearance Dimension	171.2mm (L) × 67.8mm (W) × 80.9mm (H)
Packed Dimension	195mm (L) × 105mm (W) × 80mm (H)
Wire Length	1.8m
Port Type	RJ45 10P10C Connector
Power Input	DC 5V 1A
Current	146mA (Average Work), 35mA(Standby)
Environmental	
Working Temperature	-20 °C to 50 °C
Storage Temperature	-40 °C to 70 °C
Working Humidity	5% to 95% (non-condensing)
Transportation Vibration Test	10H@125 RPM
Performance	
Communication Mode	USB (USB-KBW, USB-COM), TTL
Reading Angle	Roll: ±360°, Pitch: ±60°, Skew: ±55° CODE39, 10mil/0.25mm, PCS90% (Test Conditions)
Pixel	300,000 Global
Reading Precision	≥3mil/0.076mm (PCS90%, CODE 39)
Depth of Field	20mm~460mm
Decoding speed	65cm/s
Scanning Mode	Trigger, Induction, Command Control
Prompt Mode	LED, Buzzer
Sensor	CMOS
Print Contrast	≥15%
Ambient Illumination	Dark Environment, Indoor Natural Light
Code System	1D: UPC-A, UPC-E, EAN-8, EAN-13, Code 128, GS1-128, Code 39, Code 32, Code 93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5 (Straight 2 of 5), MSI, Codabar (NW-7), GS1 DataBar (Omnidirectional, Limited, Expanded), etc. 2D: QR Code, Micro QR Code, Data Matrix, PDF417, MicroPDF417, Aztec, etc.



INDUSTRY - APPLICATIONS

- Mobile payment • Food traceability
- Banks • Express supermarket
- medical • Shelf Replenishment
- Inventory • Asset inventory

