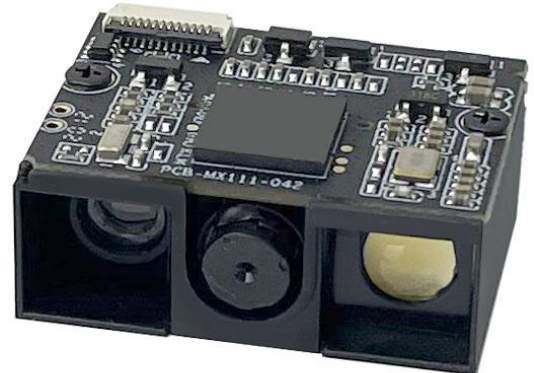


## RD11P 2D Barcode Scanner Engine



### Features:

Armed with Rakinda's six-generation of technology, the scan engine can swiftly and effortlessly decode even poor quality barcodes.

### All-in-One Design:

Seamless integration of image sensor and decoder board makes the scan engine small, lightweight and easy to fit into even the most space-constrained equipment. Easy for integration

### Application Scenarios (as an accessory)

Self-service cabinets used in e-commerce, express delivery services and smart homes; ATMs; kiosks; queue machines; lottery machines; certificate makers.

### High Performance & Ultra-Low Power

#### Consumption:

The engine can read 1D and 2D barcodes with a power consumption only one third that of a traditional engine.

#### All-Round Scanning Capability:

It can read barcodes on virtually any medium - paper, plastic cards, mobile phones and LCD display



## Shenzhen Rakinda Technologies Co., Ltd

### RD11P 2D Scan Engine

<b>Specification</b>	
<b>Optical System</b>	1280 pixels(H)x 800 pixels(V)
<b>Illumination Element</b>	Aiming: 617nm LED; Illumination 5600K White LED
<b>Depth of Field</b>	30 mm - 320 mm @UPCA -13 mil 100 %,PCS 90%
<b>Scan Angle</b>	46° (H) x 29° (V)
<b>Min. Bar Width</b>	0.1mm(4mil)@Code 39, PCS=90%
<b>Scan Mode</b>	Trigger mode, Auto-sensing, Continuous scan, Pulse mode
<b>Print Contrast</b>	> 30%(UPC/EAN 100% , PCS 90%)
<b>System Interface</b>	USB 1.1 (HID Keyboard、Virtual COM Port) RS-232 (9.6~115.2Kbps)
<b>Depth of Field</b>	
<b>PHYSICAL CHARACTERISTICS</b>	
<b>Dimensions</b>	28.2mm x 20.5mm x 11.8mm
<b>Weight</b>	About 5g
<b>Input Voltage</b>	DC 3.3V±5%
<b>Operating Current</b>	130 mA ±5% (Typical) , 300 mA ±5% (Max.)
<b>REGULATORY</b>	
<b>EMC</b>	CE EN55022 B, FCC Part 15 Class B, VCCI, BSMI
<b>ENVIRONMENT &amp; SAFETY</b>	
<b>Operating Temperature</b>	-20℃~50℃
<b>Humidity</b>	5%~95% (non-condensing)
<b>Storage Temperature</b>	-40℃~+70℃
<b>Light Level</b>	0~100,000Lux (fluorescence )
<b>DECODING CAPABILITY</b>	
<p>UPC/EAN/JAN,UPC-A &amp; UPC-E,EAN-8 &amp; EAN-13, JAN-8 &amp;JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 &amp; EAN 128,Code 93,Interleaved 2 of 5 (ITF),Addendum 2 of 5, IATA Code,MSI/Plessey, China Postal Code,Code 32 (Italian Pharmacode),RSS 14,RSS Limited, RSS Expanded</p> <p>PDF417    MicroPDF417</p> <p>Data Matrix    QR Code    Micro QR Code    Aztec Code    Maxi Code</p> <p>Reads barcode reliably of cell phone screens</p>	
<b>Declaration</b>	
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