

RT301

Kiosk PDF417 Reader For
PDF417 Code in ID card, passport or Driver's License



- ▶ If you are looking for a 2d and PDF417 reader for identification document for kiosk embedded use, this barcode reader would be your good choice.
- ▶ It detects the barcode and reads it automatically, this is a strong feature especially for kiosk use.
- ▶ It can decode high density and big size barcode, especially for the PDF417 code which printed in ID card or driver's license, the code is big and high density, a common bar code reader can not read this kind of code, but this reader can do it! Built in a high resolution industrial image sensor, this barcode reader can read those big size of codes accurately and easily. Use this reader for your banking system, or for your access control system, the work becomes so simply than never before.
- ▶ We developed powerful interfaces for this barcode reader, USB-HID, USB-COM emulation, RS232, RJ11, Mini USB, which meet all kinds of your system; at the same time, it supports Windows and Android OS.



High Resolution OEM Barcode Reader

1.30 MEGA pixels

Suitable for kiosk embedded use

Readable PDF417 code in ID card/ Driver's license / Passport



Features:

- Readable PDF417 code from ID documents or driver's license easily and quickly
- Support automatically detecting and reading the bar code
- Omnidirectional scanning, able to read all the standard one-dimensional bar code and two-dimensional bar code such as QR code, PDF417, microPDF, and Data Matrix
- Fast, even faster than some of Honeywell barcode readers
- Accurate aiming and decoding
- Support Windows, Android (power output need to >400mA)
- Interface: USB HID, USB virtual COM emulation, RS232, RJ11, Mini USB

Specification:

Mechanical

Dimensions (LxWxH)	104mm x 76mm x 49mm
Weight	200 g

Scan Performance

Scan Pattern	Area Image (838 x 640 pixel array)
Optical Resolution	1.30MEGA pixels
Motion Tolerance	Up to 50 cm/s for 13 mil UPC at distance of 10cm
Scan Angle	Horizontal 50°; Vertical: 20°
Symbol Contrast	20% minimum reflectance difference
Rotate	360°
Decode Capability	1D: Code39, Code93, Code 128, UPC / EAN, Code 2 of 5, Code11, Codabar, MSI Plessey, GS1 DataBar 2D: PDF417, QR Code, Aztec Code, Data Matrix

Electrical

Input Voltage	5 VDC
Operating Power	2 W (400mA @ 5 VDC)
Standby Power	0.8 W (160mA @ 5 VDC)
Host System Interfaces	USB, Keyboard Wedge, RS232
LED class	Class I: IEC60825-1 EN60825-1
Electromagnetic compatibility	FCC Part15, IEC60825-1, EN55022 Class B

Environmental

Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 60°C
Humidity	0% to 95% relative humidity, non-condensing
Environmental Sealing	IP52
Illumination Level	0 to 100,000 lux

Warranty	1 year factory warranty
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