

RIOTEC



SCAN YOUR NEEDS

About RIOTEC

- ◆ Since its founding in 2002, RIOTEC Co., Ltd. is dedicated to design, manufacture, market and service in Auto-ID products. RIOTEC is the patent owner of %No Moving parts inside laser barcode scanner+(**Optical Laser**)
- ◆ With Strong R&D team and invest in new design & engineering
- ◆ RIOTEC got the patent of %No Moving parts inside laser barcode scanner+ on the year of 2002.
Such new technology has [no patent infringement with Motorola \(Symbol\) or any other exist brand.](#)

Significant Accomplishments

Strong R&D team in developing new design & engineering

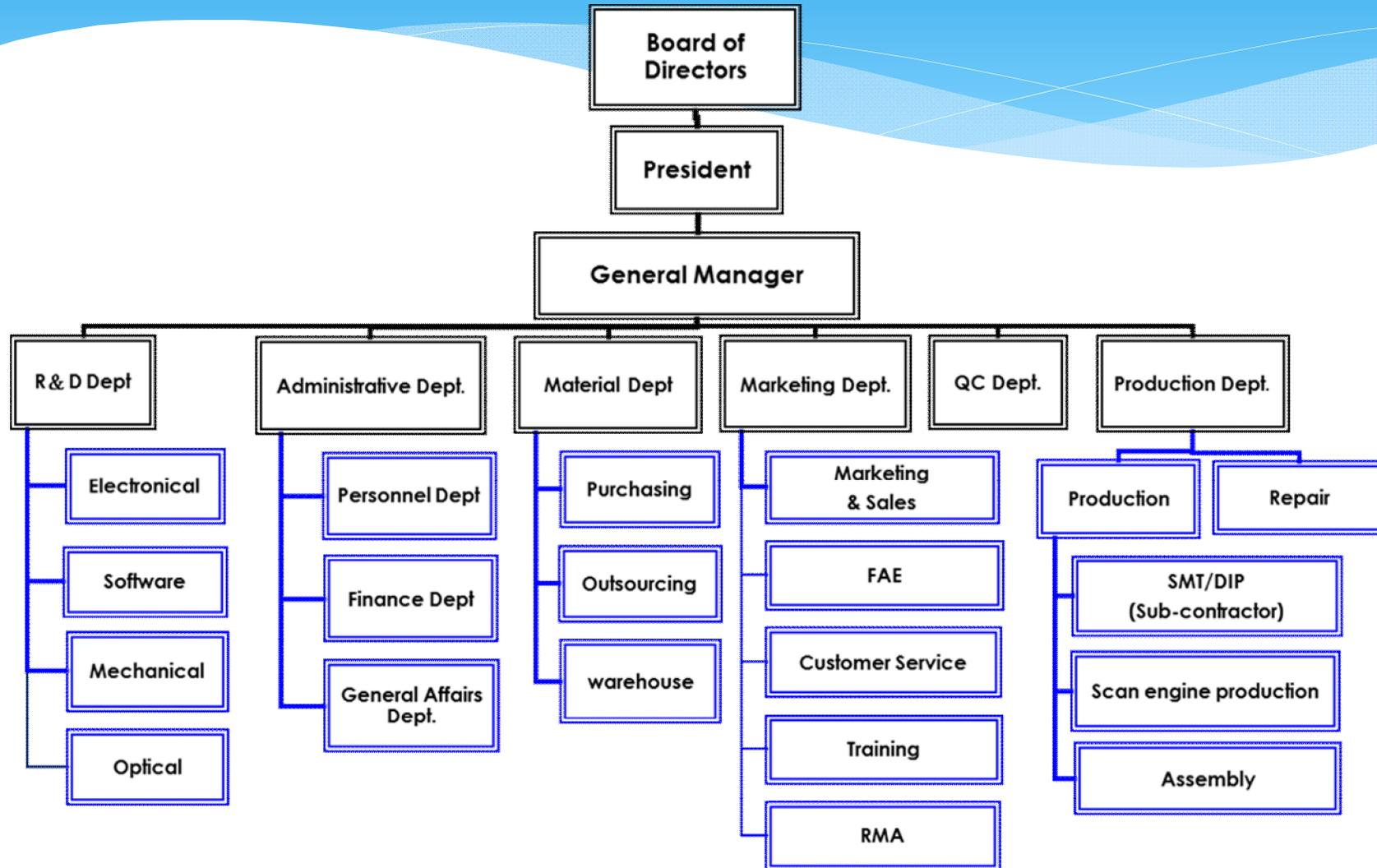
◆ Pioneer in the **No moving parts technology**

Award-



- **2005 National Invention & Creation Award** from (Taiwan) Ministry of Economic Affairs
- **2006 National Outstanding Photonics Products Award** from the OPTO Taiwan
- **2009 The best of Innovative award**

Organization table



RIOTEC's Quality policy

Riotec, a professional manufacturer on barcode scanner for more than 15 years, not only develops new innovative scanner, but also produces variety barcode scanners to meet customer's demands.

In order to make sure our quality, all barcode scanners are approved by CE/FCC and we do 100% test when in production & AQL-0.6 before shipment.

So, we can sell scanner to different channels, including Conrad in Germany.

Please link to the below website for your reference.

<https://www.conrad.de/de/Search.html?searchType=REGULAR&search=RIOTEC&category=%1FComputer%2B%2526%2BB%25C3%25BCro%1FDrucker%252C%2BScanner>

We provide the below to customers:

** Warranty: one year after shipping date

** RMA policy:

* RMA under warranty : each party pay for its own freight or mailing cost, and we will repair them in free charge, if under proper use.

* RMA out of warranty, extra material cost and the repaired cost will be charged according to the damage condition. Freight or mailing cost shall be covered by Buyer.

** Fast technical support: we always ask salespeople/FAE to provide the setting codes to solve customer technical quality within 1~2 days.



Significant Accomplishments

Strong R&D team in developing new design & engineering

◆ Pioneer in the **No moving parts technology**

Award-



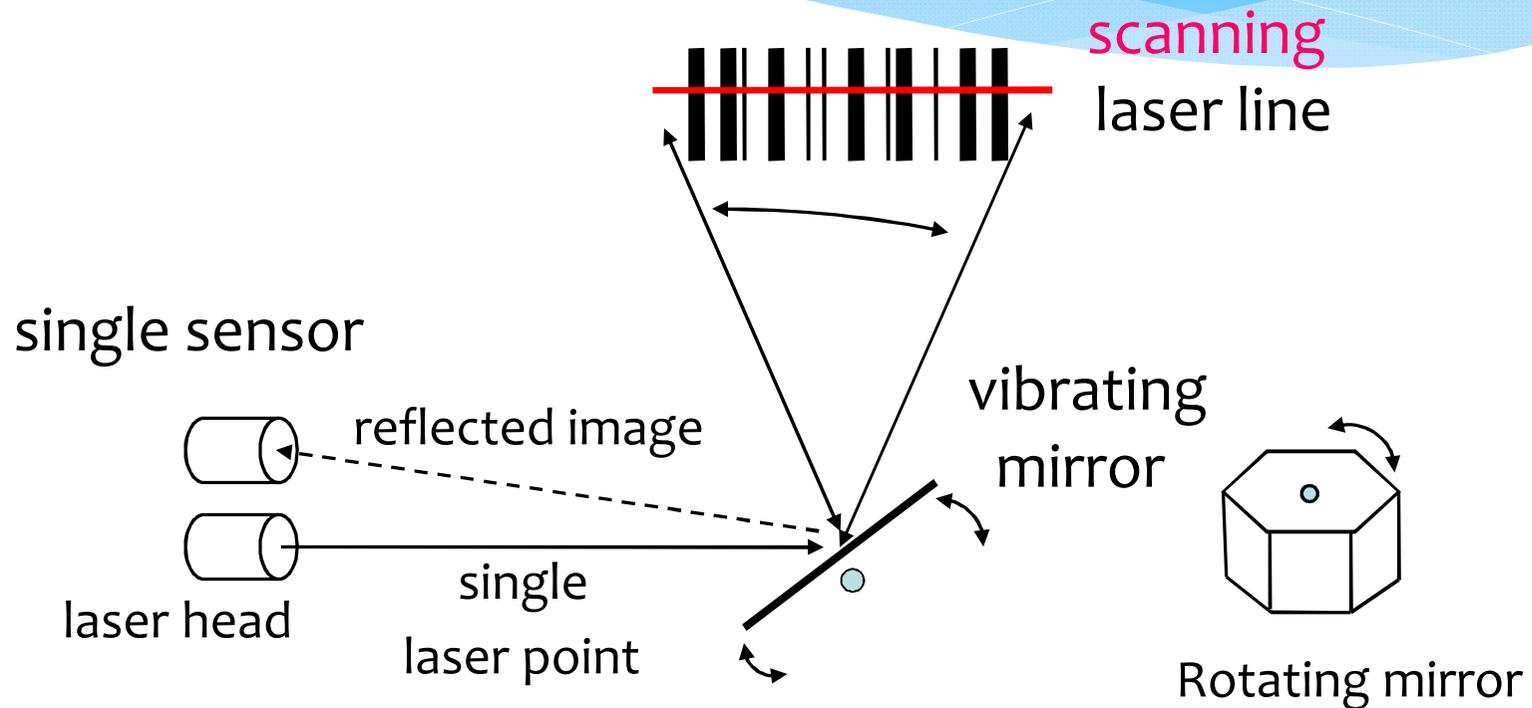
- **2005 National Invention & Creation Award** from (Taiwan) Ministry of Economic Affairs
- **2006 National Outstanding Photonics Products Award** from the OPTO Taiwan
- **2009 The best of Innovative award**

Office Location

- ◆ Office & Factory location :
- ◆ 8F, No. 196-2, Sec. 3, Datong Rd., Xizhi Dist., New Taipei City 221 Taiwan. (R.O.C).
- ◆ Employee: more than 20

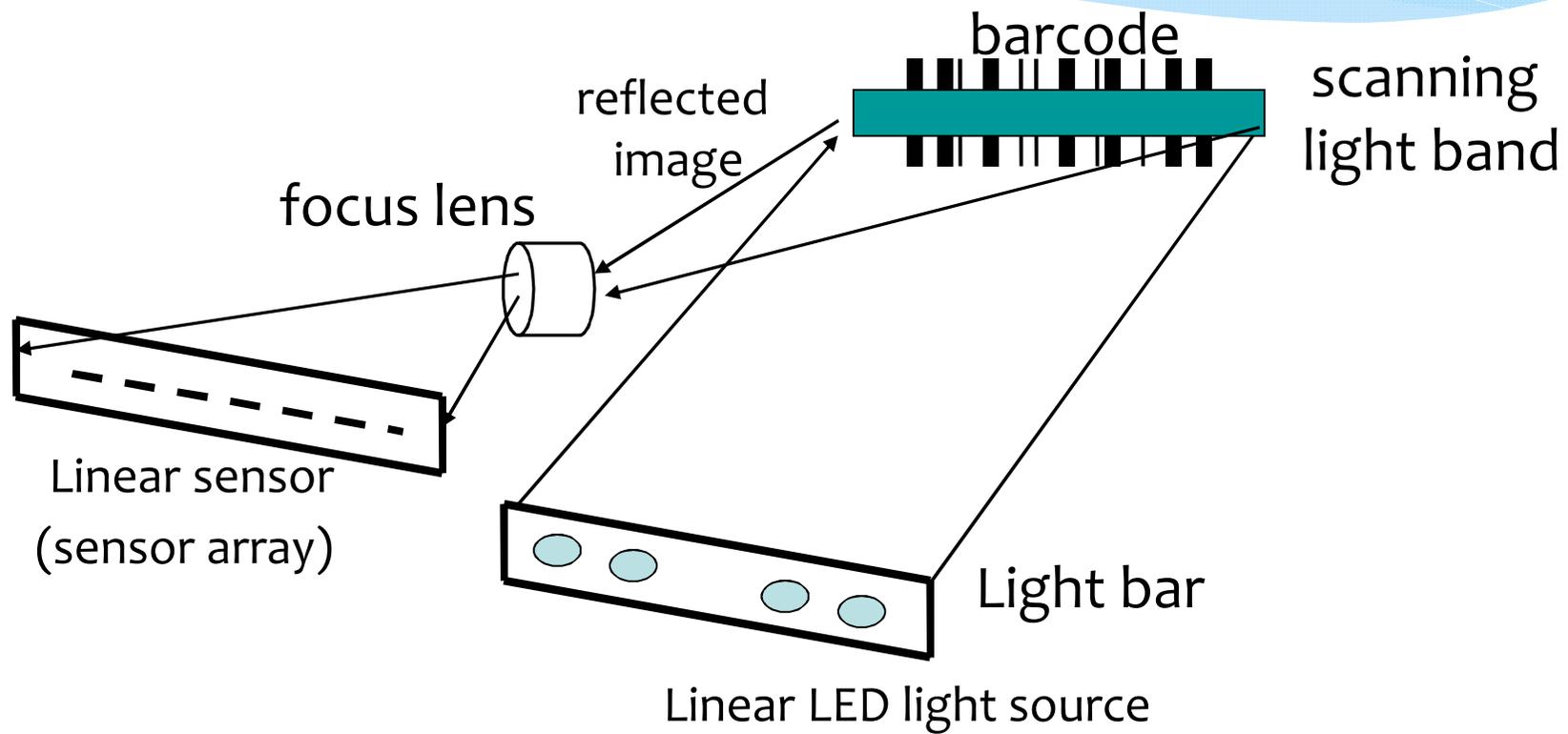


Traditional Laser Barcode Scanner



* it is afraid of shocking and easy broken when drop on to ground.

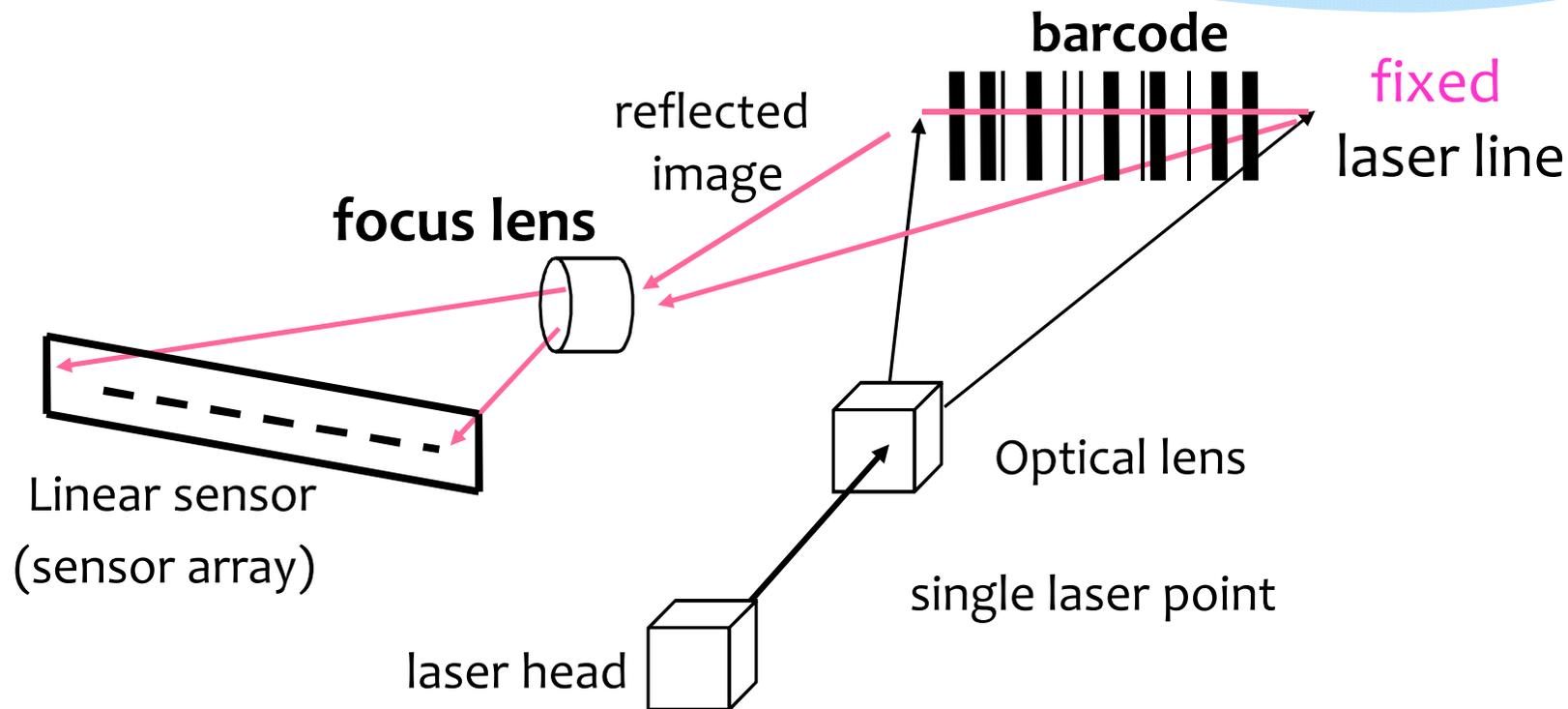
Traditional CCD Barcode Scanner



- Its difficult to scan slim barcode.
- Short depth of field.
- Scanning light is blurred and invisible in far distance

New technology of RIOTEC's Laser Barcode Scanner

Combine both advantage, and get rid of disadvantage.



- Long Depth of Field
- Soft tender fixed laser light will less harmful to eyes.
- Beside our products is Low power consumption (ex. LS6300 current operating 60mA).

Advantage of RIOTEC's Technology

Patented “No moving parts inside” technology

- Shockproof (New patented Optical Laser Technology integrates a fixed optical lens; instead of traditional vibrating & rotating mirror which is fragile.)
- Long lifetime, High reliability

Fixed Tender laser light, **IEC60825 Class 1**

- Using expanding laser light, it is Less Harmful to eyes
- Easy to read slim barcode
- Depth of field is long

Lowest power consumption in world -Green Product

(LS6300E is running on an operating current of only 60mA at 5V, DC)

Reasonable cost structure

Got worldwide patents (USA, Germany, Japan, Taiwan, China etc.)

Product Application-1

(for traditional barcode scanners)



- “ Supermarket
- “ POS (Point-of-Sales)
- “ Inventory management
- “ Document tracking
- “ Office management
- “ KIOSK & ATM
- “ Medical center
- “ Turnstile (in MRT)



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Product Application-2

(for mobile barcode scanner)

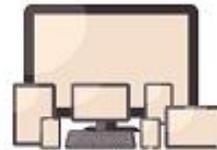


POCKET SCAN



WERABLE
SCANNER

Windows
Android
IOS



OTG



ANDROSCAN



RIOSCAN



GODASCAN

Product Lines

1D / 2D Wired

1D & 2D
Wireless

Fix-Mount

Engine

Androscan
Godascan

Mobile Pocket
Scanner

Omni-
Directional



*LS6300/20E (1D)
*CR6307A (1D)
*LS6303X (2D)
*LS6307L (2D)
*LS6302J/K (2D)

*iLS6300B (1D)
*iCR6307AB (1D)
*iLS6303BX (2D)
*iLS6307LB (2D)

*FS5020E (1D)
*FS5027A (1D)
*FS5022J (2D)
*FS5022K (2D)
*FS5027L (2D)

*LR2500
*LR2500E
*AI3200
(SR, HD, SHD)

Androscan

*DC9257AP (1D)
*DC9257LP (2D)

Godascan

*DC9277A (1D)
*DC9277L (2D)

*iDC9607A (1D)
*iDC9607L (2D)

Wearable type:

*iDC9607AW (1D)
*iDC9607LW (2D)

*OM7120
*OM7220A
*OM7320



1D Laser Scan Engine

Ultra small design :

“ LR2500T (TTL, without decoder)

“ LR2500 (RS232 TTL, with decoder)

Application : POS equipment, Mobile tablet, Mobile computer, and other scanning applications

ùNew Generation ultra small laser engine.

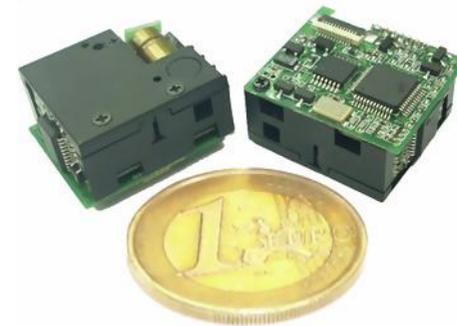
ùNo moving- parts inside technology.

ùWith quicker decode rate.

ùClass I Safety Laser.

ùGot worldwide patents, including USA, Germany, Japan, Taiwan, China).

ùOther optional version-Able decode RSS barcode RSS(GS1), RSS EXPANDED & RSS limited.



AI3200- 2D Scan Engine

ùSmall size: 21.17 x 14.6 x 11.52mm (W x D x H)

ùThere are 3 types:

** SR: 1D (code39) - 5mil; 2D (PDF417) - 6mil

** HD: 1D (code39) - 4mil; 2D (PDF417) - 5mil

** Super HD: 1D (code39) - 3mil; 2D (PDF417) - 4mil

ùWith quicker decode rate and excellent scanning performance

ùEN62471 approved.



AI3200 has been installed into POS, mobile tablet, mobile terminal, different barcode scanners, and other scanning applications.

1D Hand-held Long Range Barcode Scanners

Model	LS6300E	LS6320E
* Compact designed with powerful scanning performance		
Engine	1D Riotec Engine	1D Riotec Engine
Scanning performance	100 Scans / sec	100 Scans / sec
Auto- Sensing	N/A	Up to 180 mm
Best resolution	0.1mm (4 mil)- code 39	0.1mm (4 mil)- code 39
Power consumption	65mA max	65mA max
Interface	USB & K/B & RS232	USB & K/B & RS232



- **Lowest power consumption in the world.**
- **Won a Government tender in 2007**

RIOTEC is the only Taiwanese supplier who is able to sell into USA without paying Patent Royalties

Which no infringement with Motorola (Symbol) or any other exist brand.



1D Wireless Laser Barcode Scanner

- ùiLS6300B series use laser engine with "No Moving parts Inside Technology"
- ùScan rate: 100 scans /sec
- ùSupports Windows, Apple iOS, and Android devices
- ùBluetooth Class 1 (transmission distance:100m, in open area)
- ùiLS6300BM/BQ (with memory) support data transmission mode & data storage mode (batch mode).
- ùEquipped with 1M memory which can store more than 65,000 EAN13 barcodes
- ùCradle works as Bluetooth receiver & charging stand



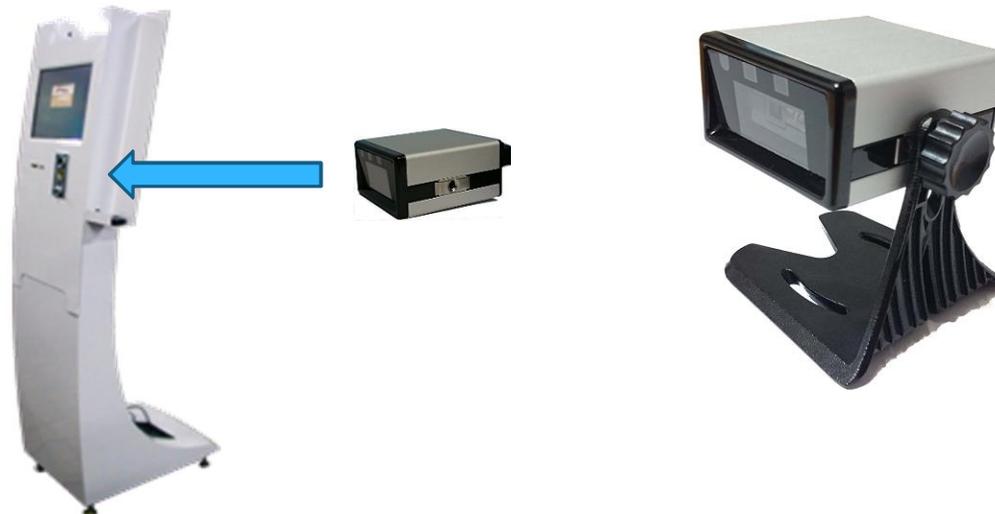
* Ultra-long range CCD engine / Motorola 2D engine are available.

RIOTEC

Fixed-mount Barcode Scanner

Features:

- * with strong Aluminum metal housing with a stand.
- * Small compact size design
- * Enhanced users productivity in auto-sensing.
- * Can be used in production lines, ATM, KIOSK, turnstile, and other scanning applications.
- * FS5022J / FS5022JW / FS5022K can read 1D/2D barcode on display.



Mobile barcode scanner

Androscan for Android OTG smartphone

- ◆ Androscan = mini barcode scanner + Scan Holder
- ◆ There are two types: DC9257AP (1D); DC9267LP (2D):
1D/2D mini barcode scanner can be exchanged.
- ◆ There is one Li-Ion rechargeable battery 900mAH inside which supplies power to scanner only. (won't consume smartphone battery)
- ◆ Can charge scanner battery & smartphone battery in the same time
- ◆ Easy operation: You can check barcode data directly after scanning.
- ◆ With different APPs + Androscan, your smartphone can be upgraded to data collector and be applied in warehouse, retail, logistic, and other scanning applications.



Mobile barcode scanner

Godascan for Android OTG smartphone

- ◆ Godascan has two types:
 - DC927xx series: wired, for Android OTG device use
 - iDC927xx series: Bluetooth, for iOS, Android, Windows device use
- ◆ There is one Li-Ion rechargeable battery 900mAH inside which supplies power to scanner only. (won't consume smartphone battery)
- ◆ Can charge scanner battery & smartphone battery in the same time
- ◆ Easy operation: You can check barcode data directly after scanning.
- ◆ With different APPs + Godascan, your smartphone can be upgraded to data collector and be applied in warehouse, retail, logistic, and other scanning applications.



Mobile barcode scanner

Pocket Barcode Scanner

- ù Pocket-size design: 100 x 43 x 24.5mm
- ù iDC950xx series: Bluetooth pocket barcode scanner for iOS, Android, Windows devices
- ù Equipped with 1MB memory inside
- ù Provides two operation modes: "data transmission" or "batch mode"
- ù With BT Class 1 (transmission distance: up to 100 meters)
- ù When iDC95xx series connect to Apple iOS devices, its left button can raise & lower on-screen keyboard
- ù There is Li-Ion rechargeable battery 900mAh inside
 - ** for 1D: more than 20,000 scans / per fully charged
 - ** for 2D: more than 10,000 scans / per fully charged.
- ù Ultra-long range CCD engine / 2D engine are available now.



Mobile barcode scanner

Pocket Barcode Scanner with display

- ù Pocket-size design: 100 x 43 x 24.5mm
- ù iDC960xx series: Bluetooth pocket barcode scanner with display for iOS, Android, Windows devices
- ù Equipped with 1MB memory inside
- ù Provides two operation modes: "data transmission" or "batch mode"
- ù With BT Class 1 (transmission distance: up to 100 meters)
- ù When iDC96xx series connect to Apple iOS devices, its left button can raise & lower on-screen keyboard
- ù There is Li-Ion rechargeable battery 900mAh inside
 - ** for 1D: more than 20,000 scans / per fully charged
 - ** for 2D: more than 10,000 scans / per fully charged.
- ù Under memory-scan mode, you can input Qty after barcode scanning.



Mobile barcode scanner

Wearable Pocket Barcode Scanner with display

- ù iDC960xxW series: Wearable pocket barcode scanner with display, with [hand-free set](#) for iOS, Android, Windows devices.
- ù Equipped with 1MB memory inside
- ù Provides two operation modes: "data transmission" or "batch mode"
- ù With BT Class 1 (transmission distance: up to 100 meters)
- ù There is Li-Ion rechargeable battery 900mAH inside
 - ** iDC9607AW (1D): more than 20,000 scans / per fully charged
 - ** iDC9607LW (2D): more than 10,000 scans / per fully charged.
- ù [Under memory-scan mode, you can input Qty after barcode scanning.](#)



Mobile barcode scanner

RIOSCAN barcode scanner

ùRIOSCAN combines smartphone (iOS/Android/Windows) as one unit and can be used as mobile computer, ticket checker, data collector.

ùSupports wired communication & Bluetooth communication

** wired: for Android OTG phone

** Bluetooth: for Android, iOS, Windows phone.

ùThe inside battery can support:

** 1D: more than 20,000 scans / per fully charged.

** 2D: more than 10,000 scans / per fully charged.

ùCradle works as charging stand, can charge scanner battery and smartphone battery in the same time.

ù



RIOTEC

Omni-Directional Barcode Scanner



OM7120

- ùOmni-Directional barcode scanner
- ùAutomatic with scan speed of 2000 scan/ sec
- ùUp to 300 mm in UPC/EAN, 100% barcode

OM7220

- ùOmni-Directional laser barcode scanner
 - ùAutomatic with scan speed of 1500 scan/ sec
 - ù0-165mm for 0.33mm UPC/EAN100%
 - ù6 direction scan field and 20 lines scan pattern
- Optional: 2D type is available.



In-Counter Omni Barcode Scanner

OM7320

- ùScan pattern of Omni-directional scanning by maximizing productivity.
- ùRead all 1D standard bar codes include GS1 Databar family symbols to future proof your investment.
- ùAutomatic sleep and wake-up mode which saves power and improves life time.
- ùSupport multiple interfaces to allow with only a cable change.
- ùSTAR code reconstruction technique allows easy reading of truncated, damaged and substandard bar codes.
- ùScanner Tuner software allows for easy programming and set up of scanners.
- ùSupport wall-mount hanging for easy installation.
- ùAnti-scraping protection glass window.
- ùTouch-screen button for Sleep/Wake & Volume.



Thank you!



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