



# **AUTO-ID CATALOG**



# PS2000

## Laser Barcode Scanner

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### Features:

- ❖ Class 2 laser product
- ❖ 32bit CPU, 120 scans per second
- ❖ Reads all 1D Barcodes from 3mil to 21mil
- ❖ Trigger or Continuous Scanning Mode
- ❖ Shock Resistance- 1.5mt on Concrete surface
- ❖ USB Interface

### Specifications:

Light Source	Visible (650nm±8nm)
Scanning Method	Trigger, Continuous
Scan rate	120 scans per second
Resolution	0.10mm(4mil) at PCS =0.825
Resolution distance	10 to 820mm (resolution dependent)
Decode capability	UPC/EAN, UPC/EAN with supplemental, UCC/EAN 128, Code 39, Code 39 Full ASC  , Code 39 Tri Optics, Code 128, Code 128 Full ASC  , Codabar, interleaved 2 of 5, Discrete 2 of 5, code 93, MSI, Code 11, RSS variants, Chinese 2 of 5
Prompt mode	Buzzer, indicator light
Read elevation	65°
Read obliquity	65°
Error rate :	1/3,000,000
Anti-shock:	1.5meter
Safety	Class 2 laser product
Interfaces supported	RS-232,keyboard wedge, USB
Operating temperature	0-50 °C
Dimension, weight	180(W)×70(D)×90.5(H) mm

# PS2000

## CCD Barcode Scanner

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### Features:

- ❖ 2500 CCD Sensor
- ❖ 32bit CPU, 500 scans per second
- ❖ Trigger or Continuous Scanning Mode
- ❖ Reads barcodes from LCD/Tablet/Smartphone's
- ❖ Shock Resistance- 1.8mt on Concrete surface
- ❖ USB Interface



### Specifications:

Light Source	622 nm ~ 628 nm Visible red light3
Scanning Method	Trigger, Continuous
Scan rate	500 scans per second
Resolution	0.10mm(4mil) at PCS =0.825
DOF	5 to 630mm
Decode capability	UPC/EAN, UPC/EAN with supplemental, UCC/EAN 128, Code 39, Code 39 Full ASC  , Code 39 Tri Optics, Code 128, Code 128 Full ASC  , Codabar, interleaved 2 of 5, Discrete 2 of 5, code 93, MSI, Code 11, RSS variants, Chinese 2 of 5
Prompt mode	Buzzer, indicator light
Scan Angle	±65°±42° (Left and right, front and back, rotation)
Error rate	1/3,000,000
Anti-shock	1.8meter
Input Voltage	5VDC±0.25V
Interfaces supported	USB or RS232

# PS5500

## 2D Wired Barcode Scanner

### Features:

- ❖ 640\*480 pixels scan engine
- ❖ Reads all 2D/1D Barcodes, Omni Directional Scanning
- ❖ Reads 2D Barcodes above 5mil
- ❖ White LED , Red Aimer
- ❖ Trigger or Continuous Scanning Mode
- ❖ Reads barcodes from LCD/Tablet/Smartphone's
- ❖ Shock Resistance- 1.8mt on Concrete surface
- ❖ USB Interface



### Specifications:

Light Source	Aiming: 617 nm LED; illumination: 6500K LED
Resolution	640*480
Scanning Method	Trigger, Continuous
Decode capability	All 2D & 1D Barcodes
Prompt mode	Buzzer, indicator light
Field of view	40° (H) x 26° (V)
Roll / Pitch / Yaw	360°, ±65°, ±60°
<b>Symbol &amp; Density</b>	<b>Range</b>
4milCode39	40-90mm
6.67milPDF417	30-130mm
10milDataMatrix	50-90mm
13milEAN-13	50-200mm
20milQRCode	25-240mm
Anti-shock	1.8meter
Interfaces supported	USB or RS232

# PS5500

## 2D DPM Barcode Scanner

### Features:

- ❖ 1280\*1080 CMOS Sensor
- ❖ Reads all 2D/1D Barcodes, Omni Directional Scanning
- ❖ Reads 2D Barcodes above <-3mil
- ❖ White LED , Red Aimer
- ❖ Trigger or Continuous Scanning Mode
- ❖ Reads barcodes from LCD/Tablet/Smartphone's
- ❖ Shock Resistance- 1.8mt on Concrete surface
- ❖ USB Interface with Power Adapter



### Specifications:

Light Source	Aiming: 617 nm LED; illumination: 6500K LED
Resolution	1280*1080 CMOS Sensor
Scanning Method	Trigger, Continuous
Decode capability	All 2D & 1D Barcodes
Prompt mode	Buzzer, indicator light
Field of view	40° (H) x 26° (V)
Minimum Resolution	≥3mil
FOV	40° (H) 34° (V)
<b>Symbol &amp; Density</b>	<b>Range</b>
UPC-13 (13mil)	60mm~ 400mm (Barcode Size : 32mm*25mm)
Code39 (3mil)	45mm~80mm (Barcode Size : 25mm*10mm)
DM (10mil)	70mm~420mm (Barcode Size : 45mm*220mm)
Anti-shock	1.8meter
Interfaces supported	USB with Power Adapter

# PS2020R

## Wireless 1D Laser Barcode Scanner

### Features:

- ❖ Laser Scanning Engine
- ❖ Rugged Industrial Grade Housing
- ❖ Best in Class Laser Scanning Engine
- ❖ Scanning Speed up to 200 Scans per second
- ❖ Operable Frequency: 2.4 GHz
- ❖ Communication Distance <=50mt
- ❖ No Data Loss mode
- ❖ Supports all ID Barcode Types
- ❖ USB Connection for Charging
- ❖ 750Mah Battery for nonstop scanning up to 6 hours
- ❖ Storage Capacity of 4Mb enough to store barcodes up to 30K



### Specifications:

Light Source	Visible (650nm±8nm)
Safety	Class 2 laser product
Scanning Method	Trigger, Continuous
Scan rate	120 scans per second
Resolution	0.10mm(4mil) at PCS =0.825
Resolution distance	10 to 820mm (resolution dependent)
Decode capability	UPC/EAN, UPC/EAN with supplemental, UCC/EAN 128, Code 39, Code 39 Full ASC  , Code 39 Tri Optics, Code 128, Code 128 Full ASC  , Codabar, interleaved 2 of 5, Discrete 2 of 5, code 93, MSI, Code 11, RSS variants, Chinese 2 of 5
Prompt mode	Buzzer, indicator light
Read elevation	65°
Anti-shock:	1.5meter
Interface	USB Receiver, USB Cable for Charging
Operating temperature	0-50 °C
Operable Frequency	2.4Ghz
Communication Distance	<=50mt
Battery	750Mah, Non-stop working up to 20hrs
Memory Storage	4Mb, Storage up to 30K Barcodes

# PS5500R

## Wireless 2D CMOS Barcode Scanner

### Features:

- ❖ 640\*480 pixels scan engine
- ❖ Reads all 2D/1D Barcodes, Omni Directional Scanning
- ❖ Reads 2D Barcodes above 5mil
- ❖ Green Dot Aimer, White illumination
- ❖ Trigger or Continuous Scanning Mode
- ❖ Reads barcodes from LCD/Tablet/Smartphone's
- ❖ Shock Resistance- 1.8mt on Concrete surface
- ❖ 2.4G RF , Bluetooth , USB ( 3 in 1 Mode)
- ❖ No Data Loss mode
- ❖ Communication Distance: ≥60 Meters (2.4G) / 15 Meters(BT)
- ❖ Stores up to ≥12K barcodes
- ❖ Battery Capacity: 1800Mah



### Specifications:

Light Source	Aiming: 617 nm LED; illumination: 6500K LED
Resolution	640*480
Scanning Method	Trigger, Continuous
Decode capability	All 2D & 1D Barcodes
Prompt mode	Buzzer, indicator light
Contrast Ratio	≥25%
Field of view	40° (H) x 34° (V)
Roll / Pitch / Yaw	Roll ±360°, Pitch ±60°, Skew ±70°
<b>Symbol &amp; Density</b>	
EAN-13 (13mil)	40mm~280mm, Barcode Size : 32mm*25mm
Code39 (5mil)	40mm~100 mm Barcode Size : 25mm*10mm
QR (15mil)	30mm~210mm, Barcode Size : 8mm*8mm
Anti-shock	1.8meter
Operable Frequency	2.4Ghz
Communication Distance	≥60 Meters (2.4G) / 15 Meters(BT)
Battery	1800 mAh
Charging hours	≤4Hours
Storage Capacity	≥12000 Barcodes



# PS5500B

## Wireless Ring Barcode Scanner

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### Features:

- ❖ ARM Cortex-M3, 32-bit CPU
- ❖ Reads all 2D/1D Barcodes, Omni Directional Scanning
- ❖ Reads 2D Barcodes above 5mil
- ❖ White LED, Red Aimer
- ❖ Trigger or Continuous Scanning Mode
- ❖ Reads barcodes from LCD/Tablet/Smartphone's
- ❖ Shock Resistance- 1.5mt on Concrete surface
- ❖ Communication mode: RF, Bluetooth, Corded
- ❖ No Data Loss mode
- ❖ Communication Distance: 30 to 70mt Distance
- ❖ Storage Memory: 16Mb
- ❖ Stores up to 50k barcodes
- ❖ Battery Capacity: 1000Mah

### Specifications:

Light Source	CMOS, 640*480 pixels
CPU	ARM Cortex-M3,32-bit
Scanning Method	Trigger, Continuous
Decode capability	All 2D & 1D Barcodes
Prompt mode	Buzzer, indicator light
Scan Width	32cm
Roll / Pitch / Yaw	30°, 65°, 45°
Anti-shock	1.5meter
Bluetooth version	4.2
Communication Distance	30 to 70mt Distance
Battery	1000Mah
Memory Storage	16Mb, Storage up to 50K Barcodes



# PDT3000

## Wireless Data Collector

### Features:

- ❖ 32-bit high-speed ARM
- ❖ Reads all 2D/1D Barcodes, Omni Directional Scanning
- ❖ Reads 2D Barcodes above 5mil
- ❖ White LED, Red Aimer
- ❖ Trigger or Continuous Scanning Mode
- ❖ Reads barcodes from LCD/Tablet/Smartphone's
- ❖ Communication mode: 2.4G RF
- ❖ Communication Distance: up to 50mt
- ❖ Memory Storage – 4Mb
- ❖ Stores up to 30k barcodes
- ❖ Battery Capacity: 750Mah



### Specifications:

CPU	ARM Cortex-M3,32-bit
Scan Engine	CMOS, 640*480, Red Aimer, White Light
Scanning Method	Trigger, Continuous
Decode capability	All 2D & 1D Barcodes
Prompt mode	Buzzer, indicator light
Scan Width	32cm
Roll / Pitch / Yaw	30°, 65°, 45°
<b>Symbol &amp; Density</b>	<b>Range</b>
4milCode39	40-90mm
6.67milPDF417	30-130mm
10milDataMatrix	50-90mm
13milEAN-13	50-200mm
20milQRCode	25-240mm
Bluetooth version	4.2
Communication Distance	Up
Battery	Built-in , 750Mah
Memory Storage	4Mb, Storage up to 30K Barcodes

# PDT3000

## Wireless Pocket Data Collector

### Features:

- ❖ Smallest Data collector with 1" LCD Display
- ❖ Weighs only 45grams
- ❖ 1024\*980 pixel 2D Scan Engine
- ❖ 3 in 1 Data transmission modes - RF , Bluetooth, Corded
- ❖ Communication Distance from 30 to 80mts
- ❖ 16Mb Memory that can store 80K Barcodes
- ❖ 450Mah Battery with 8hours non-stop scanning
- ❖ IP54 Housing, 1.5mt Drop Resistant
- ❖ Easy operation through Toggle Keys
- ❖ USB Receiver Included



### Specifications:

CPU	Arm CPU 1Ghz, 16M Flash
Scan Engine	High performance CMOS Engine (1024 x980 pix)
Screen Size	L*W(25mm*16mm) TFT
Scanning Method	Trigger, Continuous , Auto-sense
Decode capability	All 2D & 1D Barcodes
Min Resolution	3mil(Code39,PCS 0.9)
Prompt mode	Buzzer, indicator light
Reading Range	5mil 40-150mm 8mil 60-120mm 13mil 20-260mm 15mil 30-280mm 20mil 40-320mm 100% UPC 40-400mm
Wireless Mode	2.4G RF , Bluetooth, Corded
Communication Distance	30 to 80mts
Battery	3.7v Li Battery, 450mA
Memory Storage	16Mb, Storage up to 50K Barcodes

# ScanPOS

## Mobile Phone Sled

### Features:

- ❖ Rugged Industrial Grade Housing
- ❖ Best in Class 752\*468 CMOS Sensor
- ❖ Encompasses any Smartphone from 5" to 6.45"
- ❖ Communication Distance up to 30 to 100 mts
- ❖ 16Mb Memory that can store 100K Barcodes
- ❖ 1000Mah Battery with 8hours non-stop scanning
- ❖ Bluetooth USB Receiver Included
- ❖ Fast Charging in 1.5hr
- ❖ Bluetooth application to connect with multiple devices included



### Specifications:

CPU	Arm CPU 1Ghz, 16M Flash
Scan Engine	High performance CMOS Engine 752*480 pixel
Scanning Method	Trigger, Continuous , Auto-sense
Decode capability	All 2D & 1D Barcodes
Min Resolution	4mil(Code39,PCS 0.9)
Prompt mode	Buzzer, indicator light
Reading Range	5mil 40-150mm 8mil 60-120mm 13mil 20-260mm 15mil 30-280mm 20mil 40-320mm 100% UPC 40-400mm
Wireless Mode	2.4G RF , Bluetooth
Communication Distance	30 to 100mts
Battery	1000Mah
Memory Storage	16Mb, Storage up to 50K Barcodes
<b>Applications</b>	
POS	ScanPOS Sled + Smart Phone + Mobile Printer + POS Software
PDA	ScanPOS Sled + Smart Phone + Software
Barcode Scanning	ScanPOS Sled connected to PC by USB Receiver
Label Printing	ScanPOS Sled + Smart Phone + Bluetooth Label Printer

## PS9120

### Omni Directional Barcode Scanner

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#### Features:

- ❖ High speed, Omni - directional reading of all 2D & 1D Barcodes
- ❖ Manual or automatic triggering
- ❖ Captures barcodes on mobile phone, tablet, or computer
- ❖ Cable Length 1.5mt



#### Specifications:

Light Source	CMOS
Resolution	640*480
Scan Speed	Maximum movement 30cm/sec
Print Contrast	20% minimum reflectance
Scanning Method	Trigger, Continuous
Decode capability	All 2D & 1D Barcodes
Prompt mode	Buzzer, indicator light
Reading Range	13mil UPC (25-225mm) 13mil Code39 (45-225mm) 5mil Code39 (55-80mm) 20mil Code39 (95-305mm(5chars)) 6.7mil PDF417 (40-145mm) 10mil PDF417 (35-185mm) 10mil Data Matrix (35-65mm) 20mil QR (30-235mm)
Cable Length	1.5meter

# PS9120

## Omni Directional HD Barcode Scanner

### Features:

- ❖ High speed, Omni - directional reading of all 2D & 1D Barcodes
- ❖ Manual or automatic triggering
- ❖ Captures barcodes on mobile phone, tablet, or computer
- ❖ Cable Length 1.5mt



### Specifications:

Light Source	Red Light + IR LED
Resolution	640*480
IP rating	IP50
Scan Angle	Skew±60° Pitch±60° Roll 360
Print Contrast	>=20%
Symbologies	Codabar,Code11Code128Code39,Code 93, EAN-8,EAN-13,GS1 DataBar,UPC-A, UPC-E, Interleaved 2 of 5,Industrial 2 of 5,Matrix 2 of 5, Straight 2 of 5 IATA,MSI Plessey, Aztec Code, HANXIN, Maxicode,Codablock F, Data Matrix Code (DPM) ,PDF417,Micro PDF417,QR Code, Micro QR Code, DOT Code,GridMatrixCode
Scan Resolution	≥3.9mil
Decode capability	All 2D & 1D Barcodes
Prompt mode	Buzzer, indicator light
Reading Range	Code39(5mil): 0mm ~60mm Barcode Size : 25mm*10mm EAN-13(13mil): 0mm ~230mm Barcode Size : 31mm*17mm QR(15mil): 0mm ~160mm Barcode Size : 8mm*8mm
ESD	EN61000-4-2,±15KVair Discharge,± 8KVcontact Discharge
Cable Length	1.5meter

# Scan X

## Fixed Mount Scanner

### Features:

- ❖ High speed, Omni - directional reading of all 2D & 1D Barcodes
- ❖ Manual or automatic triggering
- ❖ Captures barcodes on mobile phone, tablet, or computer



### Specifications:

Light Source	Red Light + IR LED
Resolution	640*480
IP rating	IP50
Scan Angle	Skew±70°, Pitch±70°, Roll 360°
FOV	Diagonal 87.1°, Horizontal 74°, Vertical 65°
Print Contrast	>=20%
Symbologies	(PDF417),(QR Code),(Micro QR),(Data Matrix),(Aztec),(Hanxi code) (Codabar),(Code 39),(Code 32),(Industrial 2 of 5),(Interleaved 2 of 5),(Standard 2 of 5),(Matrix 2 of 5),(Code 93),(Code 11),(Code 128),(UPC-A),(UPC-E),(EAN/JAN-8),(EAN/JAN-13),(GS1 Databar(RSS14)
Scan Resolution	≥5.0mil
Decode capability	All 2D & 1D Barcodes
Prompt mode	Buzzer, indicator light
Reading Range	
EAN-13 (13mil)	5mm~85mm (Barcode Size : 31mm*7mm)
PDF417 (6mil)	5mm~50mm (Barcode Size : 14mm*7mm)
Code39 (6.6mil)	5mm~30mm (Barcode Size : 34mm*10mm)
Data Matrix (10mil)	5mm~35mm (Barcode Size : 5mm*5mm)
QR Code (15mil)	5mm~65mm (Barcode Size : 10mm*10mm)
Interfaces	USB, RS232 , RS485 , TTL, Wiegand
Dimensions	64.84(W)×62(D)×33.2(H)(Max)

# Scan X

## Fixed Mount Scanner with NFC

### Features:

- ❖ High speed, Omni - directional reading of all 2D & 1D Barcodes
- ❖ Manual or automatic triggering
- ❖ Captures barcodes on mobile phone, tablet, or computer



### Specifications:

Light Source	Red Light + IR LED
Resolution	640*480
IP rating	IP50
Scan Angle	Skew±70°, Pitch±70°, Roll 360°
FOV	Diagonal 87.1°, Horizontal 74°, Vertical 65°
Print Contrast	>=20%
Symbologies	1D: Codabar, Code 11, Code 128, Code 39, Code 93, EAN-8, EAN-13, GS1 DataBar, UPC-A, UPC-E, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Straight 2 of 5 IATA, MSI Plessey 2D: Aztec Code, HANXIN, Maxicode, Codablock F, Data Matrix Code (DPM) , PDF417, Micro PDF417, QR Code, Micro QR Code, DOT Code, Grid Matrix Code
Scan Resolution	≥5.0mil
Decode capability	All 2D & 1D Barcodes
Prompt mode	Buzzer, indicator light
Reading Range	
Code39 (5mil)	20mm~60mm, Barcode Size : 25mm*10mm
EAN-13 (13mil)	10mm~100mm, Barcode Size : 31mm*17mm
QR (15mil)	5mm~90mm, Barcode Size : 8mm*8mm
NFC Range	0-40mm
Interfaces	USB, RS232 , RS485 , TTL, Wiegand
Dimensions	61(W)×64.8(D)×26(H) mm
ESD	EN61000-4-2, ±15KV Air Discharge、±8KV Contact Discharge