POS
PRODUCT
GUIDE BOOK

Your Complete Hardware Solution Partner

POS System
Scanner
Cash Drawer

sewoo

SEWOO

YOUR COMPLETE HARDWARE SOLUTION PARTNER

RETAIL

SEWOO Printing Solutions are widely used in various distribution sectors such as department stores, hypermarkets, and speciality retail stores for printing purposes including receipts, price tags (labels), and coupons.

TOURISM, DINING

SEWOO Printing Solutions are widely used in various sectors of the tourism and food service industry, including hotels, restaurants, and kitchens, for printing purposes such as receipts, kitchen printers, order labels, and ingredient labels.

TRANSPORTATION, LOGISTIC

SEWOO Printing Solutions are widely used in various sectors of the transportation and logistics industry, including warehouses, logistics centers, railway stations, and airports, for printing purposes such as parcel and logistics delivery receipts, in-flight duty-free receipts, baggage labels, notices, and airline bus terminal tickets.

HEALTHCARE

SEWOO Printing Solutions are widely used in various sectors of the healthcare industry, including hospitals, pharmacies, and medical research laboratories, for printing purposes such as patient information, examination results, symptoms, and prescription labels.

MANUFACTURING

SEWOO Printing Solutions are widely used in various sectors of the manufacturing industry, including warehouses, factories, and production sites, for printing purposes such as invoices and receipts, inventory management labels, product information labels, packaging labels, incoming/management labels, and component tag printing.

PUBLIC SECTOR

SEWOO Printing Solutions are widely used in various sectors of the public domain, including public institutions, police stations, military, and libraries, for printing purposes such as parking and traffic violation receipts/labels, and book location tags.

ON-SITE SERVICES

SEWOO Printing Solutions are widely used in various sectors of on-site services, including delivery shops and field service businesses, for printing purposes such as delivery receipts, on-site sales, and service receipts.

CONTENTS

POS System

SEWOO POS System offer a great opportunity to attract big customers.

SEWOO POS System offer high performance and adaptability.

To satisfy service demands, retail and hospitality industry require high-performance POS systems with flexible mount installation options to suit diverse application environments.
Take advantage of the opportunity to big customers at POS system with SEWOO products.
The latest POS system makes sure of its superior configurability, scalability, and power.

Application

High-performance POS system for a wide range of retail environments

Key feature

15" POS System, NBP-150

- Larger and clearer screen
- 1366 x 768 / 1920 x 1080P (optional)
- Display : 180 degrees vertical, high brightness
- A+ Grade touch screen
- Scratch-resistant and wear-resistant high-definition picture quality

Smart and Portable POS System, NBP-150/156 Flip

- Easy design to detach
- 7mm ultra-thin screen
- High performance processor
- Foldable and rotatable design
- All-aluminum design available in three colors
- Available customer display with just one cable
- Fanless operation with waved back cover design

Foldable Products

PRODUCT SPEC

		NBP-156FLIP	NBP-150FLIP
SYSTEM CONFIGURATION	CPU	Windows : J6412 Quad core 2.0G, Intel N95: Quad core 1.7GHz- 3.4Ghz, i3-12th, i5-12th Android : RK3568 Quad core Cortex-A55 up to 2.0GHz	Windows : Intel N95: Quad core 1.7GHz- 3.4Ghz, J6412 Quad core 2.0G, i3-12th, i5-12th
	OS	Windows : Windows 10 IOT Enterprise testing verison Windows 11 IOT Enterprise testing version Android : Android 11/Android 13	Windows : Windows 10 IOT Enterprise testing verison
	RAM	Windows : DDR4 4GB / 8GB / 16GB Android : 2GB RAM	Windows : DDR4 4GB / 8GB / 16GB
	SSD	Windows : m.2 128GB / 256GB / 512GB Android : 32GB / 128GB ROM	Windows : m.2 128GB / 256GB / 512GB
	RESOLUTION	1366*768 P	1024 * 768 P
	LCD	15.6 inch LED	15 inch LED
	TOUCH	15.6 inch capacitive touch screen	15 inch capacitive touch screen
	CUSTOMER DISPLAY	2*20 VFD/ 11.6 inch customer display (1366*768, no touch)	2*20 VFD/ 11.6 inch customer display (1366*768, no touch)
	POWER	12V/5A	12V/5A
STRUCTURAL PARAMETERS	WEIGHT	1pcs: 3.8KG	1pcs: 3.8KG
	PACKING SIZE	1pcs: 43*18.5*42cm	1pcs: 42*19*42cm
	INTERFACE	Windows : J6412: RS232(2) ,USB(5), RJ45(1), HDMI(1), RJ11(2), HP_JACK(1), Only EDP (only for 2nd display)(1) N95: RS232(2), USB(5), RJ45(1), HDMI(1), RJ11(1) , Only EDP (only for 2nd display)(1), HP_JACK(1) Android : RK3568 : UART7(com) : (2), RJ45(Ethernet) (1), USB : (5), TF_CARD(tf card) : (1), SIM card : (1), PHONE JACK : (1), MICROPHONE : (1), RJ11 : (1) i3-12th, i5-12th: IO panel is same. RS232(2) ,USB(5), RJ45(1), HDMI(1), RJ11(2), HP_JACK(1), Only EDP(only for 2nd display) (1)	Windows : J6412: RS232(2) ,USB(5), RJ45(1), HDMI(1), RJ11(2), HP_JACK(1), Only EDP (only for 2nd display)(1) N95: RS232(2), USB(5), RJ45(1), HDMI(1), RJ11(1), Only EDP (only for 2nd display)(1), HP_JACK(1) i3-12th, i5-12th: IO panel is same. RS232(2) ,USB(5), RJ45(1), HDMI(1), RJ11(2), HP_JACK(1), Only EDP(only for 2nd display) (1)
ACCESSORIES	OPTIONAL	Windows : MSR, Speaker*1, WiFi+BT Android : MSR, Speaker*1	Windows : MSR, Speaker*1, WiFi+BT
ENVIRON MENTAL PARAMETER	WORKING TEMPERATURE	0℃ - 40℃	0℃ - 40℃
	WORKING HUMIDITY	20% - 80%	20% - 80%
	STORAGE TEMPERATURE	-20℃ - 60℃	-20℃ - 60℃
	STORAGE HUMIDITY	20% - 80%	20% - 80%

Traditional Product

PRODUCT SPEC

		NBP-150
SYSTEM CONFIGURATION	CPU	- Intel J4125 : Intel® Celeron® J4125, Quad Core 2.0Ghz [Fanless] - Intel J6412 : Intel® Celeron® J6412, Quad Core 2.0Ghz [Fanless] - Intel i3 : Intel® Core® i3-5th/ 10th/ 11th - Intel i5 : Intel® Core® i5-5th/ 10th/ 11th
	OS	Supporting System : Windows 10 IoT Enterprise
	MAIN	Memory : DDR4 4GB (Option: 8GB) Storage : 2.5" SATA 128G SSD (Option: 256G/ 512G)
	LCD	15* TFT LED
	RESOLUTION	1024 x 768
	CUSTOMER DISPLAY	VFD 2 line x 20 characters / LCD 2 line x 20 characters / LED Display characters : Single line display Support 8 number only
	TOUCH SCREEN	15" Bezel-Free True-Flat Protective Capacitive Touch Screen
	SECONDARY DISPLAY	10.1" IPS LCD, 15" TFT LCD
	POWER	- DC-IN : Input AC 100~240V / 50~60hz, Output DC 12V/ 5A
STRUCTURAL PARAMETERS	INTERFACE	- Intel J4125 : VGA (1), RS232 (2), RJ45 (1), USB (6), RJ11 (1), HDMI(1) - Intel J6412 : VGA (1), RS232 (3), RJ45 (1), USB (6), RJ11 (1)or VGA(1), HDMI (1), RS232(2), RJ45(1), USB(6), RJ11(1) - Intel i3/i5 : VGA (1), RS232 (2), RJ45 (1), USB (6), HDMI (1) - Audio : 1 * Mic-in, 1 * Line-out
	SIZE	220mm x 190mm x 350mm (WxDxH)
	WEIGHT	7kg
CERTIFICATIONS	RELIABILTY	CE, RoHS, FCC
ACCESSORIES	OPTIONAL	- MSR : ISO 1,2,3 Tracks - Button : Dallas Key RS232 I/F - Finger Reader
ENVIRON MENTAL PARAMETER	WORKING TEMPERATURE	0℃ - 40℃
	WORKING HUMIDITY	20% - 80%
	STORAGE TEMPERATURE	-20℃ - 60℃
	STORAGE HUMIDITY	20% - 80%

Scanner

SEWOO Scanners offer fast performance and quality imaging.

SEWOO Scanners streamline workflows with reliable performance and enhanced productivity.

To satisfy service demands, retail and hospitality industry require high-performance POS systems with flexible mount installation options to suit diverse application environments.
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Application

Store   Supermarkets   Restaurant   Pharmacy

PRODUCT SPEC

		2D Wired		2D Wireless BT/WF	
		NBS-8200II (w/o Stand)	**NBS-8250II (with Stand)**	**NBS-8550C (2.4G Cradle)**	**NBS-8550D (2.4G Dongle)**
DATA CAPTURE	LIGHT SOURCE	White LED (Lighting) RED aiming light		White LED (Lighting) RED aiming light	
	IMAGE SIZE	640 × 480 pixels		640 × 480 pixels	
	RESOLUTION	> 3mil		> 4mil	
	SCANNING SPEED	60fps		60 fps	
	SYSTEM SUPPORTED	-		Android/Windows/Linux/IOS	
	DEPTH OF SCAN FIELD	60~360mm (13mil PCS90%)		50-390mm(13mil code39)	
	PRINT CONTRAST	-		25% minimum reflective difference	
	INDICATOR	LED Indicator and Buzzer		LED indicator light, buzzer	
	SCAN MODE	Manual & Automatic		Trig / Common / Continuous / Auto Sensing Mode	
	SCAN ANGLE	-		rotate 360°, inclination 65°, elevation 60°	
	VIEW ANGLE	-		-	
PHYSICAL	INTERFACE	USB-HID, USB-VCP, RS232		USB / USB-VCP	
	WIRELESS TRANSMISSION DISTANCE	-		Bluetooth :30 meters 2.4G:80 meters	
	MATERIALS	ABS+TPU		ABS+PC	
	DIMENSION (LxWxH)	112.5 x 81.5 x 204 mm		14.7 x 90.6 x 62.8 mm	14.7 x 90.6 x 62.8 mm
				Receiver: 15 x 6 x 19 mm	Charging base: 165.7 x 71.1 x 52.6
	WEIGHT	185g		Scanner:185g Receiver: 1.6g	Scanner : 188.4g Charging base : 318.3g
	VOLTAGE	DC 3.6V ~ 5.5V		DC 5V	
	BATTERY	-		Replaceable & Rechargeable lithium battery, 2600mAh	
	CPU	32bit ARM		32bit ARM	
ENVIRONMEN-TAL	AMBIENT LIGHT	0 ~ 5000Lux(fluorescent light), 0 ~ 100,000Lux(daylight)		0~5000Lux(fluorescent), 0~100,000Lux(Sunlight)	
	WORKING CURRENT	142mA		250mah	
	STAND-BY CURRENT	42mA		<90mA	
	TEMPERATURE (OPERATING)	-10°C ~ 50°C		-10°C ~ 50°C	
	TEMPERATURE (STORAGE)	-20°C ~ 60°C		-10°C ~ 50°C	
	HUMIDITY	5% ~ 95%(non-condensing)		5% ~ 95%(relative humidity non-condensing)	
	DECODING CAPABILITY 1D	Codabar, Code11, Code39, Code32, Interleaved 2 of 5,Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar, RSS14, GS1 DataBar Limited, GS1 DataBar Expanded, etc.		Codabar, Code11, Code39、Code32, Interleaved 2 of 5, Matrix 2 of 5, Code93,Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar(RSS14), GS1 DataBar Limited, GS1 DataBar Expanded, etc	
	2D	PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code		PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code	
	IP	IP54		-	
ACCESSORY	STANDARD	-		USB cable (type C)	

2D Wireless BT   Ring-scanner

NBS-SL856B   **NBS-FR85**

PRODUCT SPEC

		NBS-SL856B	NBS-FR85
DATA CAPTURE	LIGHT SOURCE	Aiming: 617 nm LED; illumination : 3500K LED	Red LED
	IMAGE SIZE	640 × 480 pixels	640 × 480 pixels
	RESOLUTION	> 2mil	4mil(Code 39, PCS 0.9)
	SCANNING SPEED	60fps	200 times/s
	DEPTH OF SCAN FIELD	Code 39 (20mil) : 20-370mm, Code 39 (5.13mil) : 30-120mm, PDF (6.88mil) : 10-170mm, DM (10mil): 20-170mm, UPC-A 100% (13 mil) : 20-360mm, QR (20 mil) : 0-330m	13mil EAN 13 more than 15cm
	PRINT CONTRAST	25% minimum reflective difference	25% minimum reflective difference
	INDICATOR	Buzzer, LED, Vibration	Beep, LED, Vibration
	SCAN MODE	-	Trig / Common / Continuous / Auto Sensing Mode
	SCAN ANGLE	Pitch ±65° Yaw 360° Roll ±60°	Pitch ±55° Yaw 360° Roll ±55°
PHYSICAL	INTERFACE	USB, RS232, BT 5.0	Bluetooth Class 4.2 (Auto-power on), USB HID Keyboard, USB COM
	WIRELESS TRANSMISSION DISTANCE	200M	Bluetooth :30 meters 2.4G:80 meters
	MATERIALS	ABS+PC	ABS+PC
	DIMENSION (LxWxH)	180 x 110 x 85 mm	52 x 48 x 32 mm
	WEIGHT	433g(Inclu.cable)	42g(with battery)
	VOLTAGE	DC 5V ± 0.5V	DC 5V ± 0.5V
	BATTERY	2600mAh	500mAh (built-in); Max 14000 scan /full charge
	TFT COLOR SCREEN	-	YES
	CPU	ARM 32	ARM 32
	FLASH MEMORY	600KB	16M
ENVIRONMENTAL	AMBIENT LIGHT	100,000 Lux	0~80000LUX
	WORKING CURRENT	350mA	160mA
	STAND-BY CURRENT	110mA	20uA
	TEMPERATURE (OPERATING)	0°C ~ 50°C	-10°C ~ 50°C
	TEMPERATURE (STORAGE)	-40°C ~ 70°C	-10°C ~ 50°C
	HUMIDITY	0% to 95%	5% to 95%
	DECODING CAPABILITY 1D	Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar, RSS14, GS1 DataBar Limited, GS1 DataBar Expanded, etc.	Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar, RSS14, GS1 DataBar Limited, GS1 DataBar Expanded, etc.
	2D	PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code	PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code
	DROP	1.5M	1.5M
	IP	-	IP42
ACCESSORY	STANDARD	USB Cable	USB cable (type C)

2D Wired Kiosk

2D Omni Wired (Desktop type)

NBS-8202K

NBS-8202S

PRODUCT SPEC

		NBS-8202K	NBS-8202S
DATA CAPTURE	LIGHT SOURCE	White light LED	Red LED (Lighting) Color Temperature 650nm LED
	IMAGE SIZE	640 × 480 pixels	1280× 800 pixels
	RESOLUTION	> 5mil	> 3mil
	SCANNING SPEED	30fps	60fps
	DEPTH OF SCAN FIELD	EAN13: 20mm~130mm @13MIL PCS90%	5-280mm(13mil UPC/EAN 100%,PCS=90%)
	PRINT CONTRAST	-	15%
	INDICATOR	Buzzer	Tone & Volume adjustable
	SCAN MODE	Sensing Scan	Continuous
	SCAN ANGLE	Rotate 360° , Dip 65° , Elevation 60°	Deflection 360° Inclination ±65° Rotation ±60°
PHYSICAL	INTERFACE	RS232, USB	USB-HID, USB-VCP, RS232
	WIRELESS TRANSMISSION DISTANCE	-	-
	MATERIALS	ABS+PC	ABS+PC
	DIMENSION (LxWxH)	65.1 x 61.6 x 33 mm	98 x 98 x152 mm
	WEIGHT	-	350g (Inclu.cable)
	VOLTAGE	5 VDC±5%	DC 5V ± 0.5V
	BATTERY	-	-
	TFT COLOR SCREEN	-	-
	CPU	32bit MIPS @1G Hz	ARM 32
	FLASH MEMORY	-	-
ENVIRONMEN-TAL	AMBIENT LIGHT	-	0~5000Lux (fluorescence), 0~100,000 Lux (sunlight)
	WORKING CURRENT	108mA (Typical value), 114mA (Max value)	<450mA
	STAND-BY CURRENT	50mA	<236mA
	TEMPERATURE (OPERATING)	-20℃ ~ 60℃	-10°C ~ 50°C
	TEMPERATURE (STORAGE)	-40℃ ~ 70℃	-20°C ~ 60°C
	HUMIDITY	5% to 95% (operating)	5% to 95%
DECODING CAPABILITY	1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128 (FNC1、FNC2、FNC3), Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5,GS1 Databar (RSS-Expand, RSS-Limited, RSS-14), Code 39(Code 39 FULL ASCII), Code 11, MSI-Plessey, Plessey , etc	Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar, RSS14, GS1 DataBar Limited, GS1 DataBar Expanded, etc.
	2D	PDF417, Data Matrix, QR Code, etc	PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code
	DROP	-	1.5M
	IP	-	IP54
ACCESSORY	STANDARD	-	USB Cable

Cash Drawer

SEWOO Scanners offer fast performance and quality imaging.

SEWOO Cash Drawer ensures secure, efficient cash management with POS integration.

SEWOO Cash Drawer offers secure and efficient cash management across various industries, from retail and hospitality to service businesses.
Seamlessly integrated with POS systems, it ensures fast and accurate transactions, while its durable build and advanced security features minimize risks of theft and loss.

- Accurate Reconciliation: Organized cash and coin compartments reduce transaction errors.
- Ease of Use: Intuitive and quick operation for an efficient payment process.
- Maximum Reliability: Robust design and locking mechanisms for enhanced security.

Upgrade your business operations with Cash Drawer, the indispensable tool for managing cash in any setting!

Application

Retail	Supermarkets
Restaurant	Pharmacy
Transportation	Hospitality
Entertainment	Public Offices

Cash Drawer

PRODUCT SPEC

		S330E
CASH DRAWER CHARACTERIS-TICS	COLOR	Black / Ivory or customization
	BILL TRAY/COIN TRAY	4 Bill + 8 Coin One part bill tray can removable
	BILL LENGTH	171mm
	BILL WIDTH	Fixed as : 78/73/73/70
	BILL HOLDERS	Metal Wire Gripper
	CASING	Robust all steel construction
	INNER DRAWER	ABS plastic drawer
	MEDIA SLOT	Plastic panel, one media slot
	ROLLERS	Heavy duty plastic rollers
	KEY LOCK	Three-position Key Lock (2keys)
	SOLENOID	24V Compatible
	EMERGENCY OPENER	Optional
PHYSICAL CHARACTERIS-TICS	DIMENSION	335 x 368 x 80 (mm)
	WEIGHT	Net weight : 3.6kg
INTERFACES	I/O INTERFACE	RJ12 as Standard

PRODUCT SPEC

		S415H
PERFORMANCE CHARACTERIS-TICS	COLOR	Black/White/Gray
	BILL TRAY/COIN TRAY	4 Bill + 8 Coin
	INNER DRAWER	Plastic
	BILL HOLDERS	Metal Wire Gripper
	ROLLERS	Heavy Duty Plastic Rollers
	MEDIA SLOT	Single Slot / Double Slot
	MICRO SWITCH/SENSOR	Open by driver signal to the solenoid (optional)
	CABLE CONNECTION	External Cable on Rear / Bottom (optional)
	EMERGENCY OPNER	Emergent Release Lever on The Chassis
	CABLE LENGTH	1.1 Meters
	SOLENOID	24V Compatible
PHYSICAL CHARACTERIS-TICS	DIMENSION	410 x 415 x 100 (mm)
	CASH TRAY DIMENSION	475 x 460 x 170 (mm)
	BILL TRAY DIMENSION	345 x 186 x 59 (mm)
	COIN TRAY DIMENSION	345 x 125 x 40.5 (mm)
	WEIGHT	5.2kg
INTERFACES	I/O INTERFACE	Standard : RJ12 Optional : USB

Memo

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10/2025

SEWOO TV
YOUTUBE

SEWOO
HOMEPAGE

sewoo

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