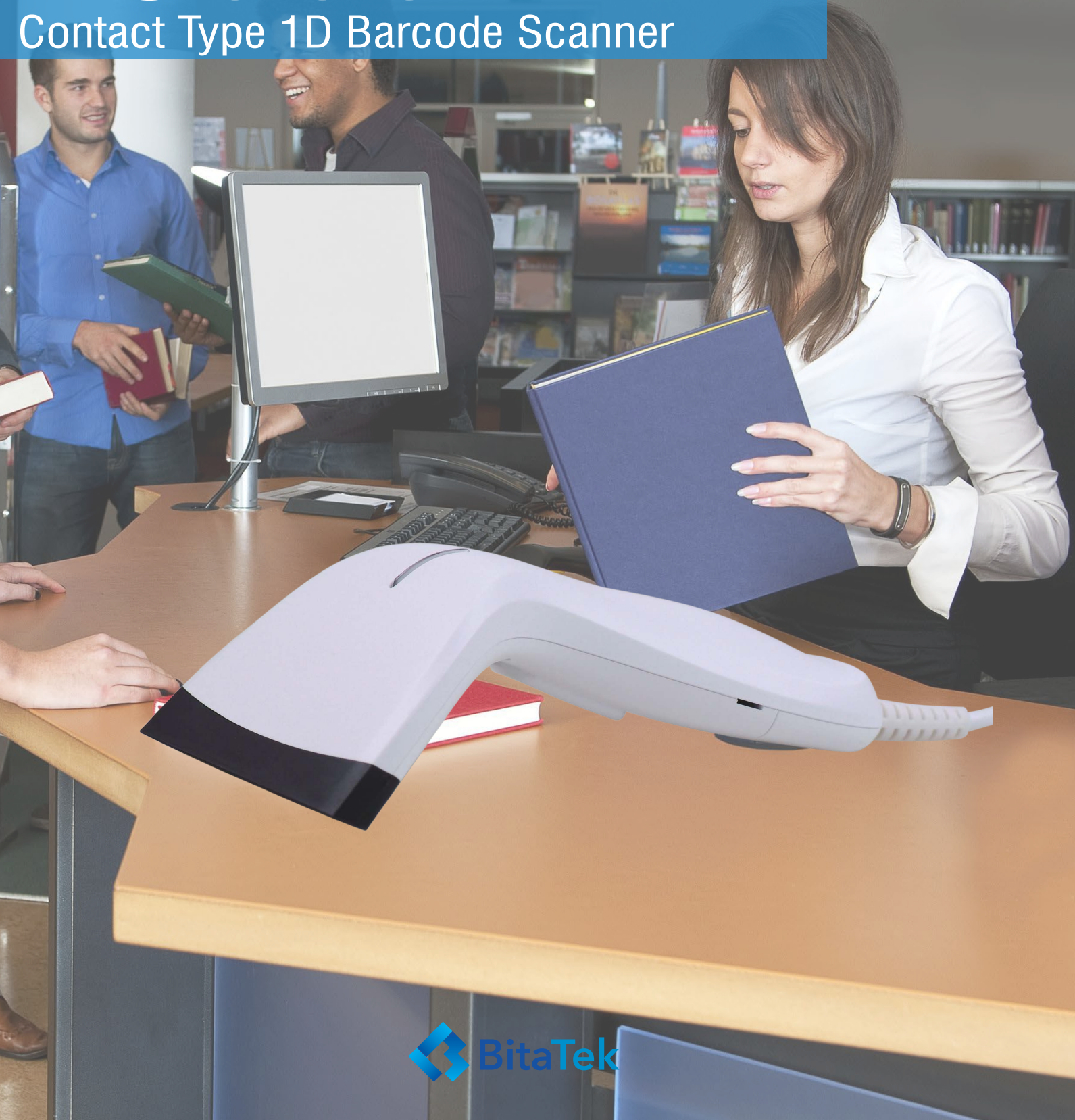


PS800Z

Contact Type 1D Barcode Scanner



PS800Z



Contact Type 1D Barcode Scanner

Slim & Stylish designed for retail & office application



Spotlight on Features

- Specially designed for 1D barcode readings from close range, in nicely organized environment, by serious users.
- Fine tuned color system to match modern retail and office atmosphere.
- 3-in-1 interface. (simple USB Plug-N-Play connection, RS-232, and keyboard wedge)
- Provide most commonly used 1D barcode reading solutions.

Application Snapshots

Designed for Close Range 1D Barcode Readings in Nicely Organized Environment by Serious Users.

PS800Z is designed for “ handheld barcode readings of less than 3,000~5,000 times per day “. Used by either sitting or standing users, PS800Z is:

- Low profile while been put on the desk or counter top;
- Giving an easy reading angle for users while sitting or standing;
- Slim and light-weight structure fits perfectly with female users in the store or office.

Light Color System to Bring Light Spirit to Your Work Atmosphere

There is no better way to cheer everyone up by using proper color system in the working environment. With lively colored POS equipment or office furniture, don't miss out the barcode scanner which will be held by your staff most of the time.



3-in-1 Interface (Simple USB Plug-N-Play Connection, RS-232, and Keyboard Wedge)

Making the best out of today's host system, PS800Z provides simple USB connection which does not need extra driver to be installed. Plug-N-Play makes PS800Z easy to be installed and no extra service or support will be needed. For applications associated with generic POS system, PS800Z also offers RS-232 interface. Traditional keyboard wedge interface is covered by PS800Z for applications using PC keyboard port for data entry tasks.



Providing Most Commonly Used 1D Barcode Reading Solutions

PS800Z is designed to fulfill the most commonly needed application demands. Reading capability covers UPC/EAN family, Code 39 family, Code 128 family, Codabar, Interleaved 2 of 5, Code 93, MSI, Code-11, IATA, RSS, China 2 of 5, and the most contemporary GS1 Databar. Application scenario can be stretched from retail stores and supermarket all the way into library, travel agent offices, hospital history archive, factory stock room, and cafeteria of schools and universities.



Best Cost/Performance Ratio from Reliable Design & Quality Production

Handheld 1D barcode scanner has been a commodity in the worldwide market now. For end user price of less than USD 100, PS800Z comes with 3-mil reading resolution.

While people are buying low-cost hand held 1D barcode scanners expecting low quality, low performance, and short working life, PS800Z, proud enough, is offering good performance, high quality, plus trouble-free working life as a real AIDC equipment, not a commodity item.



PS800Z Specifications



Basic

Scanner Type	Handheld 1D Barcode Scanner
Host Interface	USB, R232
IP Rating	IP 41
Color	White, Black

User Interface

Audio	Buzzer (3-level volume, tone, duration adjustable)
Visual	Two-Color LED (Red/Green)

Performance

Scan Rate	100 scan/sec
Sensor Resolution	2,500 Pixel
Illumination	630 nm Red LED
Reading Resolution	3 mil(0.076 mm), Max
Power Consumption	Standby 40mA Reading 95mA
Print Contrast	45%, Min. (at 13 mil UPC/EAN)
Pitch	+/- 65°
Yaw	+/- 65°
Roll	+/- 35°
Data Editing	Prefix/Suffix
Readable Barcodes	UPC/EAN, UPC/EAN with Supplementals, UCC/EAN 128, Code 39, Code 39 Full ASCII, Code 128, Code 128 Full ASCII, Codabar, Interleaved 2 of 5, Code 93, MSI, Code11, IATA, RSS, Chinese 2 of 5, GS1 Databar (Omnidirectional, Expanded)
Depth of Field	Up to 60 mm, on 20 mil, PCS 90%, Code 39

Environmental

Hazardous Material	RoHS-Compliant
Operating Temperature	0~50°C
Storage Temperature	-40~70°C
Operating Humidity	5%~80% RH (non-condensing)
Storage Humidity	5%~80% RH (non-condensing)
Ambient Light Immunity	Artificial Light (Fluorescent) : < 6,000-Lux Sunlight : < 10,000-Lux
ESD	Class-B
EMI	FCC Part 15 Class B, ICES-003 Class B, EN 55022 Class B, EN 55024

Reliability

Drop Resistance	36 (6 per side) drops @ 5-ft. (1.5-meter) on concrete @ room temperature.
Vibration	Operational after being subjected to a vibration of 0.02g ² /Hz., random (20Hz to 2 KHz.), 60-minute duration per axis.
Tumble	250-cycles at ½ meter (1.64 ft.)
Cable Bending Resistance	10,000 times, Min. (30 times/min. @ 500g, 60°)
SR Bending Resistance	10,000 times, Min. (30 times/min. @ 500g, 60°)



BITATEK CO., LTD.

6F., No. 115, Wugong 3rd.,
Wugu Dist., New Taipei City 248,
Taiwan (R.O.C.)
Tel : +886 2 2298 8588
Fax : +886 2 22900029
<http://www.bitatek.com.tw>