

PDA Solution

CF-Type/SD-Type Barcode Laser Scanner Let's Your PDA to Read The Barcode Symbologies More Easy!



● Barcode scanning input

Most of the PDA makers ignore the barcode scanning input device on the PDA products, and let the PDA function limited especially for the inventory control, mobile data collection & some more office-automation fields.

Now, Birch Releases the CF-type and SD-type barcode laser scanners for most of PDA device use. It is built-in the Opticon laser module with our high performance decoder to assure you of the best solution for your PDA.

1. Easy installation: you can install on your PDA by few seconds
2. Laser module: Built-in Opticon LVE 4100 high performance & rugged laser module.
3. High performance: 100 scan/second with superior reliability, performance and long life
4. State-of-art design to match your PDA.

● Ordering Information:

BX2300CF CF type laser scanner
BX2300SD SDIO Type laser scanner

● Applications:

-Inventory control check in retailing, franchizing stores...
-Mobile Data collection for out-door activities as parking lots, security check...
-Office automation for the documentation tracking
-Ticket-automation solutions as the shuttle-bus, theaters.....

PDA on the barcode scanning applications, BX2300 are your best choice



Technical Specifications

Laser scan module

Optical

Light source: Visible laser diode 650nm
 Image sensor: Photo detector
 Scan speed: 100 scan/second
 Minimum resolution: 0.13mm at PCS 0.9(5 mil)

Reading range (Field of View)

Barcode Density	Narrow Scan Setting	Wide Scan Setting
1.00mm(40mil)	5.1 -1.8"	2.8---17.7"
0.50mm(20mil)	2.8—11.0"	2.0 ---11.8"
0.25mm(10mil)	2.8---6.7"	2.0--- 7.5"
0.15mm(6mil)	2.8—3.9"	2.0---3.9"
0.13mm(5mil)	2.8---3.5"	2.4 ---3.5"

Field of View

Distance	Narrow Scan Setting	Wide Scan Setting
2.0"	0.8"	1.8"
4.0"	1.6"	3.4"
8.0"	3.2"	6.6"
12.0"	4.7"	9.8"

● Measured from front edge of module, decoder dependent

Barcode Symbologies:

Readable Barcode: UPC/WEAN/JAN & Add-on 2/5, Code 39, Code 39 Full ASCII, Interleave 25, Industrial 25, Martix 25, Code 11, Code 128, Codabar/NW7, Code 93, MSI/Plessey, Code, BC412, China Postage

Operation System: Pocket PC 2002, 2003.

Interface: BX2300CF CF Type I. BX2300SD SDIO type

Electricity Voltage : 3.3V

Power Consumption: 79mA operation(standby 42mA)

Safety: CE and FCC Class A



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