M230B

A ruggedized, high performance 2" mobile printer for both receipt and label printing

Tiny and lightweight for easy carrying

Ruggedized over-mold design withstands multiple drops to concrete from 1.5 meters

Up to 4.2 IPS printing speed for productivity improvement

Integrated Bluetooth v2.1 EDR delivers faster communication throughput

Multi-tasking design enables printing during communication

Both USB and RS232 interfaces are available for multiple connectivity

Clamshell design allows easy and quick paper loading

Advanced power management to extend the duty cycle up to a full shift

Built-in transmissive and reflective sensors support label and receipt printing

Featured with ESC/POS and JCL command sets to satisfy complicated printing demand

360 degree rotatable belt clip for flexible and practical operation

Optional two-slot charger is available for off-line battery charging

Cino M230B, a compact and ruggedized 2" cordless mobile printer comes with ultimate performance, rich features and high reliability. It delivers fast "time-to-first-label" capability and advanced Bluetooth connectivity for both receipt and label printing on the go. The M230B presents a best cost-performance cordless solution to take your business where it needs to go with the maximum productivity.

Ruggedized Design for Extreme Reliability
To deliver the highest level of dependability, the M230B is designed ruggedly to withstand multiple drops to concrete from 1.5 meters and endure a wide rage of temperature.

1.5 m

Maximum productivity with fast " time-to-first-label"
"Throughput" is the true indicator of a printer's productivity. The powerful architecture and up to 4.2 IPS print speed perform fast " time-to-first-label" and short "total print time".

Multiple host interfaces offer flexible connectivity
With the built-in Bluetooth v2.1 EDR, USB and RS232 host interfaces, the M230B offers great flexibility for both tethered and cordless connectivity to meet a wide range of communication demands. User can choose the most suitable interface for any particular application at the point-of-need.

All-round solution and user-friendly features
Integrated with reflective and transmissive sensors, the M230B accommodates a variety of media to support both label and receipt printing. The ESC/POS and unique JCL command sets are available to satisfy complex printing applications. A 360 degree rotatable belt clip for easily use without fatigue by securing it on the belt.

cino®

Specifications

Operational Characteristics

Printing Method	Direct Thermal
Resolution	203 dpi (8 dots/mm)
Printing Speed	Up to 4.2 ips (106mm/sec.)
Max. Printing Width	1.89" (48mm)
Max. Printing Length	320mm (Label Paper)
Media Sensor	Transmissive Sensor and Reflective Sensor
User Interface	1 LED : Charging indicator 1 LED : Wireless communication indicator 4 LEDs : Status indicators
Programming Language	ESC/POS Compatible Command Sets with JCL Commands
Processor	32-bit High Performance RISC

Communications

RF Standard	Bluetooth v2.1 EDR compliance
Working Distance	Minimum 10 m, up to 30 m (depending on environmental condition)
Common Interfaces	Standard RS232, USB 2.0 (full speed) Optional IrDA (only available upon OEM/ODM request)

Fonts / Graphic / Barcodes

Fonts	Two Resident International Character Sets - Font A (12x24), Font B (9x24) - Vertical & Horizontal Magnification From 1 to 8 - Rotation: 0, 90, 180 and 270 Smooth Font Feature Support
Character Sets	ASCII International Character Sets - More than 30 code pages Asian Language Character Sets - Traditional Chinese (BIG5) - Simplified Chinese (GB2312) - Japanese (Shift-JIS)
Graphics	Logo graphics and BMP format support line and box drawing features
Barcodes	1D: UPC-A, UPC-E, JAN8, JAN13, EAN8, EAN13, Code39, ITF, Codabar, Code93, Code128, GS1 DataBar Linear 2D: QR Code, PDF417, DataMatrix, Code49, MaxiCode, GS1 DataBar Linear-stacked and composite Rotation: 0, 90, 180 and 270

Media

Media Type	Continuous paper / Label paper
Paper Width	1.18"~2.28" (30mm~58mm)
Max. Roll O.D.	36mm
Min. Roll I.D. Core	12mm

Power

Power Supply	10.5V/2.3A
Battery	Li-Ion Battery Pack
Battery Charging time	Less than 4 hours (full charging)

Physical Characteristics

Dimension W x D x H	3.6"x4.5"x1.9" (93 x 115 x 48 mm)
Weight	380g (with battery pack)

Environmental Specifications

Temp.	Operating Storage	-15 ° to +50 ° -40 ° to +70 °
Humidity	Operating Storage	10 ~ 90% RH non-condensing 10 ~ 90% RH non-condensing
Drop Resistance		Withstand multiple drops to concrete from 1.5 m height

Accessories

2-slot Battery Charger
360 ° Rotated Belt Clip
Battery Pack
Full-range Power Supply Unit
RS232 Cable
USB Cable