

Line Thermal Printers

iDP3221/3240



iDP3221



iDP3240

F Features

- Compact design
- High-speed line thermal printing
- Easy paper loading (See below)
- Bar-code printing
- Cash drawer kick out
- Compatibility (ESC/POS)
- Page mode
- 112mm page width (iDP3240)
- Bit map data registration (iDP3240)
- 80 columns mode (iDP3240)
- 64K input buffer (iDP3240)

A Applications

- Receipt
- Coupon
- Ticket
- Daily report
- Kitchen
- Delivery
- Bar-code

Paper roll Paper roll



Type Classification

iDP3221 R F 230

① ② ③ ④

- Model type**
3221: Economy thermal printer
3240: 112mm Wide thermal printer
- Interface**
P: Parallel
R: Serial RS-232C
- Character set**
F: International
J: Japanese
- Power source**
100: 100 V
120: 120 V
230: 230 V

Easy paper loading

- Close the cover. (2-4 is automatic)
- Paper is fed backward.
- Paper goes into proper position.
- Paper is fed forward. Printer is ready to print.

Specifications

Model	iDP3221	iDP3240
Printing method	Line thermal dot printing	
Printing width	72.19mm/512 dots	104mm/832 dots
Dot pitch	7.1 × 7.1 dots/mm (180 dpi × 180dpi)	8 × 8 dots/mm (203 dpi × 203 dpi)
Printing speed	Max. 63.45mm/sec.(15 lines/sec.)	Max. 80mm/sec.(18.9 lines/sec.)
Number of columns	Font A: 42 columns Font B: 56 columns	Font A: 69/60 columns Font B: 92/80 columns
Character size (W × H)	Font A: 1.41 × 3.39mm (12 × 24 dots) Font B: 0.99 × 3.39mm (9 × 24 dots)	Font A: 1.25 × 3.00mm (12 × 24 dots) Font B: 0.88 × 3.00mm (9 × 24 dots)
Character table	Code page 437, 850, 860, 863, 865	Code page 437, 850, 852, 857, 860, 863, 865, 866, Katakana and Windows code
Bar-code type	UPC-A/E, JAN(EAN)-13/8, ITF, CODABAR, Code 39, and Code 128	
Line spacing	4.23mm (1/6 inch), can be set by a command	
Paper	Thermal paper roll, 80mm (W) × ø83mm	Thermal paper roll, 112mm (W) × ø83mm
Interface	Parallel: IEEE1284 and Centronics compliant	Serial: RS-232C
Input buffer	4K bytes	64K bytes
NV bit map data area	—	256K bytes
Drawer kick-out	2 Drawers	
Power supply	Main unit: DC 24V AC adapter: 31AD	
AC adapter	Input: AC 100-240V, 50/60Hz, 120VA, Output: DC 24V, 1.9A	
Weight	Main unit: 1.3kg, AC adapter: 0.45kg	Main unit: 1.45kg, AC adapter: 0.45kg
External dimensions (W × D × H)	152(W) × 201(D) × 123(H)mm	186(W) × 201(D) × 128(H)mm
Operating environment	5 ~ 40°C, 35 ~ 80% RH	
Storage environment	-20 ~ 60°C, 10 ~ 90% RH	
Reliability	Head: 50,000,000 pulses or 50km Cutter: 500,000 cuts	Head: 100,000,000 pulses or 100km Cutter: 500,000 cuts
Safety Standard	UL, C-UL, FCC class A, TUV-GS, CE marking	

Further Information

Control Chip

Gate Array:
202LA
→ **32P**

Auto Cutter

ACS-230
ACS-240
→ **33P**