

Impact Printers

iDP3420/3421/3423



iDP3420



iDP3421



iDP3423

F Features

- Auto cutter (iDP3421/3423)
- Auto winder (iDP3423)
- 6K bytes memory buffer
- Graphic printing
- Two color printing
- Cash drawer kickout
- Compatibility (CBM, ESC/POS, Star)
- Paper auto loading

A Applications

- Receipt
- Journal
- Ticket
- Credit/Debit
- Delay Report
- Kitchen
- Delivery

A Accessories

- Ink ribbon: IR-41

Mechanism



•DP-410

Specifications

Model	iDP3420	iDP3421	iDP3423
Printing method	Serial dot impact		
Printing direction	Bidirectional		
Font	7 × 9 matrix		
Number of columns	40/42 columns (Selectable by Dip switch)		
Printing speed	Approx. 3.0 line/sec.		
Character size (W × H)	1.31 × 3.1mm		
Character set	Alphanumeric, International, Code page 437, 850, 860, 863, 865, 852, 866, 857, Windows code		
Line spacing	4.23mm (1/6 inch) or 2.82mm (1/9 inch) Min. 1.41mm (1/18inch)		
Paper	76mm Roll paper		
Interface	Parallel: Centronics, Serial: RS-232C		
Input buffer	6K bytes / 256 bytes		
Paper end sensor	Equipped		
Paper near end sensor	Equipped		
Paper cutter	None	Equipped	Equipped
Paper winder	None	None	Equipped
Cash drawer control	2 drawers		
Ink ribbon	Red/Black, or Black (CBM Ink ribbon cassette)		
Power supply	AC 100/120/230V		
Power consumption	30W (During printing)		
Weight	2.4kg	2.6kg	2.8kg
External dimensions (W × D × H)	164 × 248 × 140mm		164 × 280 × 183mm
Operating temp. range	0 ~ 40°C (35 ~ 85% RH)		
Storage temp. range	-20 ~ 60°C (10 ~ 90% RH)		
Reliability	Printer: MCBF 2.5 million lines Head: 80 million characters	Printer: MCBF 2.5 million lines Head: 80 million characters Cutter: 500,000 cuts	Printer: MCBF 2.5 million lines Head: 80 million characters Cutter: 500,000 cuts
Safety standard	UL, C-UL, FCC class A, TUV-GS, CE marking		

Paper roll

76 mm

Type Classification

iDP3420 R F 230

① ② ③ ④

① Model type

3420: Standard model
3421: With Auto Cutter
3423: With Auto Cutter and Winder

② Interface

CBM Mode
R: Serial RS-232C
P: Parallel
STAR Mode
S: Serial RS-232C
C: Parallel
ESC/POS Mode
T: Serial RS-232C
I: Parallel

③ Character set

F: International

④ Power source

100: 100 V
120: 120 V
230: 230 V

Further Information

Mechanism

DP-410

→ 27P

Auto Cutter

ACS-234

→ 33P