

Impact Printers

iDP3420/3421/3423

Paper roll
76 mm



iDP3420
(Standard type)



iDP3421
(Auto cutter type)



iDP3423
(Auto cutter + Auto winder type)

Auto cutter
ACS-234



Features

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

Applications

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

Accessories

- Ink ribbon: IR-41B (Black)
- Ink ribbon: IR-41P (Purple)
- Ink ribbon: IR-41RB (Red/Black)

Mechanism

DP-430



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 kick-out		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
Dimensions (W × D × H)		164 × 248 × 140mm	164 × 280 × 183mm
Operating environment		0 ~ 40°C, 35 ~ 85% RH	
Storage environment		-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
EMC and safety standards		UL, C-UL, FCC class A, TUV-GS, CE marking	

Type classification

iDP3420 R F 230
(1) (2) (3) (4)

- Model type
 - 3420: Standard model
 - 3421: With auto cutter
 - 3423: With auto cutter and winder
- Interface
 - R: Serial RS-232C
 - P: Parallel
 - I: Parallel
- Character set
 - F: International
- Power source
 - 100: 100 V
 - 120: 120 V
 - 230: 230 V