

# Impact Printers

## iDP3110/3111 CBM-910/920

Paper roll  
58 mm



iDP3110/3111



CBM-910



CBM-920

### Features

- Palm size and Light weight
- Bit image graphics printing
- 2K bytes input buffer (CBM-910/920)
- Paper end sensor (CBM-910)
- Rechargeable internal battery (iDP3111)
- Panel mount (CBM-920)
- Paper auto loading (CBM-920)

### Applications

- Receipt
- Daily report
- Portable (iDP3111)
- Industrial machine (CBM-920)
- Ticket
- Kitchen
- Credit/Debit
- Delivery

### Accessories

- Ink ribbon: IR-91B (Black)
- Ink ribbon: IR-91P (Purple)

### Mechanism

MD-910/911



### Specifications

Model	iDP3110	iDP3111	CBM-910	CBM-920
Printing method	Serial dot impact			
Printing direction	Left to right			
Font	5 × 8 matrix			
Number of columns	24/40 columns			
Printing speed	24 col = 2.5 lines/sec. 40 col = 1.8 lines/sec.			
Character size (W × H)	24 col = 1.62 × 2.4mm 40 col = 1.08 × 2.4mm			
Line spacing	Character = 3.52mm / Graphic = 2.4mm			
Character pitch	24 col = 1.98mm / 40 col = 1.19mm			
Line feed speed	5.0 lines/sec.			
Paper width	57.5mm			
Interface	Parallel: Centronics, Serial: RS-232C			
Input buffer	1 line		2K bytes	
Paper end sensor	None		Equipped	
Ink ribbon	Purple, Cassette			
Power supply	AC 100/120/230V DC 7V	Ni-cd AA battery × 4	AC 100/120/230V DC 7V	DC 5V only
Battery	—	24 columns: 5,500 lines continuous printing (Approx. 40 minutes or more) 40 columns: 4,500 lines continuous printing (Approx. 40 minutes or more)	—	—
Power consumption	7VA			
Weight	0.4kg	0.57kg	0.4kg	0.5kg
Dimensions (W × D × H)	106 × 180 × 88mm			115 × 119 × 65mm
Operating temp. range	5 ~ 35°C			
Storage temp. range	-20 ~ 60°C			
Reliability	MCBF 1.0 million lines (40 columns)			
EMC and safety standards	FCC class A, TUV-GS, CE marking			

### Type classification

iDP/CBM3110-24 R F 230-A  
(1) (2) (3) (4) (5) (6)

- Model type
  - 3110: Standard
  - 3111: With rechargeable battery
  - 910: With 2 K byte buffer
  - 920: Panel mount
- Column capacity
  - 24: 24 columns
  - 40: 40 columns
- Interface
  - P: Parallel
  - R: Serial RS-232C
- Character set
  - F: International
  - J: Japanese
- Power source
  - 100: 100 V
  - 120: 120 V
  - 230: 230 V
  - DC: 920 only
- Paper roll diameter
  - A: Max. 60 mmφ
  - B: Max. 80 mmφ
  - (920 is Max. 50 mmφ)