

- LT1221 and BD2-1221U are still available



Accessories

Control board



BD2-2220

Interface	Parallel (IEEE1284), Serial (RS-232C), USB
Number of columns	36/48
Font	Font A: 12 × 24 dots / Font B: 9 × 24 dots / font C: 8×16 dots
Command set	ESC/POS
Barcode	Supported
Firmware location	Flash memory
Buffer	4k bytes / 45 bytes
Supporting devices	Auto cutter, Paper sensor, Head-up sensor, LF switch, Error LED, Paper out LED
Dimensions (W×D)	90 × 65mm
Source voltage	5.0V ±5% and 24V ±5%

Specifications for Auto cutter

(Auto cutter only for LT2221C)

Cutting method	Slide cutting
Paper width	58mm
thickness	0.06 — 0.15mm
Max. cutting frequency	20 cuts/min
Voltage	24V ±10%
Current (peak)	0.8A
Operating temperature	0 — 45°C
Size	102 × 55.7 × 15mm
Weight	180g
Reliability	300,000 cuts
Number of tab left	Full cut blade type Partial cut blade type
	None None or 1 tab

LT2221 LT2221C



- 58mm paper width
- 24V operation
- 150mm/sec high-speed printing
- Platen removable design
- Auto cutter equipped (LT2221C)
- Compact design

Specifications

Printing method	Line thermal dot printing	
Total dots	432 dots/lines	
Dot density	8 dots/mm	
Printing width	54mm	
Printing speed	Max. 150mm /sec (1,200 dot-lines/sec)	
Paper feeding pitch	0.125mm	
Sensors	Head temperature	Thermistor
	Paper presence	Photo-sensor
	Platen	Mechanical Switch
Voltage range	VH	DC 21.6 — 26.4V
	Vdd	DC 4.75 — 5.25V
Current consumption	Head (Vp = 5V)	Max. Approx. 5.2A
	Motor (Vp = 5V)	Max. Approx. 0.41A
Recommended paper	Width	58mm
	Thickness	60 – 105µm (Standard) 110 – 150µm (A type)
	Paper (Manufacturer)	TF50KS-E2C (Nippon Paper) etc.
Reliability	Head pulse-resistance	50,000,000 pulses or more
	Head wear-resistance	50km or more
Environment	Operation	Temperature: 0 ~ 45°C Humidity: 35 ~ 85% RH
	Storage	Temperature: -20 ~ 60°C Humidity: 10 ~ 90% RH
External dimensions (W × D × H)	91.5 × 58 × 20mm (LT2221) 101.3 × 61.5 × 37.2mm (LT2221C)	
Weight	Approx. 85g (LT2221)	
	Approx. 273g (LT2221C)	

LT2321 LT2321C



- 80mm paper width
- 24V operation
- 150mm/sec high-speed printing
- Platen removable design
- Auto cutter equipped (LT2321C)
- Compact design

- LT1321 and BD2-1221U are still available



Accessories

Control board



BD2-2221

Interface	Parallel (IEEE1284), Serial (RS-232C), USB
Number of columns	36/48
Font	Font A: 12 × 24 dots / Font B: 9 × 24 dots / font C: 8×16 dots
Command set	ESC/POS
Barcode	Supported
Firmware location	Flash memory
Buffer	4k bytes / 45 bytes
Supporting devices	Auto cutter, Paper sensor, Head-up sensor, LF switch, Error LED, Paper out LED
Dimensions (W×D)	90 × 65mm
Source voltage	5.0V ±5% and 24V ±5%

Specifications for Auto cutter

(Auto cutter only for LT2321C)

Cutting method	Slide cutting
Paper width	58mm
thickness	0.06 — 0.15mm
Max. cutting frequency	20 cuts/min
Voltage	24V ±10%
Current (peak)	0.8A
Operating temperature	0 — 45°C
Size	102 × 55.7 × 15mm
Weight	180g
Reliability	300,000 cuts
Number of tab left	Full cut blade type Partial cut blade type
	None None or 1 tab

Specifications

Printing method	Line thermal dot printing	
Total dots	576 dots/lines	
Dot density	8 dots/mm	
Printing width	72mm	
Printing speed	Max. 150mm /sec (1,200 dot-lines/sec)	
Paper feeding pitch	0.125mm	
Sensors	Head temperature	Thermistor
	Paper presence	Photo-sensor
	Platen	Mechanical Switch
Voltage range	VH	DC 21.6 — 26.4V
	Vdd	DC 4.75 — 5.25V
Current consumption	Head (Vp = 5V)	Max. Approx. 5.2A
	Motor (Vp = 5V)	Max. Approx. 0.41A
Recommended paper	Width	80 mm
	Thickness	60 – 105µm (Standard) 110 – 150µm (A type)
	Paper (Manufacturer)	TF50KS-E2C (Nippon Paper) etc.
Reliability	Head pulse-resistance	50,000,000 pulses or more
	Head wear-resistance	50km or more
Environment	Operation	Temperature: 0 ~ 45°C Humidity: 35 ~ 85% RH
	Storage	Temperature: -20 ~ 60°C Humidity: 10 ~ 90% RH
External dimensions (W × D × H)	108 × 58 × 20mm (LT2321) 119 × 61.5 × 37.2mm (LT2321C)	
Weight	Approx. 97g (LT2321)	
	Approx. 330g (LT2321C)	

Type Classification

LT2221HC

1) 2) 3) 4) 5) 6)

- 1) **Printing speed**
1: 80mm/sec
2: 150mm/sec

- 3) **Voltage**
2: 24V

- 5) **Paper path**
H: Curl

BD2-2221RSU

1) 2)

- 1) **Applicable Mechanisms**
0: LT2×20
1: LT2×21

- 2) **Paper width**
2: 2inch
3: 3inch

- 4) **Type**
1: Platen removable model

- 6) **Cutter**
None: Standard
C: With cutter

- 2) **Interface**
PA: Parallel (IEEE1284) UB: USB
RS: Serial (RS-232C)