OKI

Fast, flexible direct thermal label printer

Perfect for small label printing requirements

The LD670 is fast and robust, with the ability to print 82.5mm wide labels at up to 260mm per second. Thanks to its unique thermal control technology, it is perfect for printing small labels such as retail price stickers, food expiry labels, medical test tube stickers and small packaging labels.

Designed for all working environments, including the smallest to the harshest

With its compact design and unique front exit paper path the LD670 can be placed either on or under the counter, making it suitable for locations where space is at a premium. Splash and dust proof, the LD670 will continue to deliver even in the harshest work environments.

The resident buzzer "beep" function notifies print job completion. This functionality, which comes as standard with the LD670, is beneficial for environments with high noise levels such as catering, hospitality manufacturing or auto mechanic businesses.

Flexible label printing

The LD670 has a flexible media capability, handling a variety of label widths (from 25.4mm to 82.5mm) and the capability to handle media of varying thickness (from 60 micron to 150 micron).

With the option of printing either vertically or horizontally, on either fanfold media, up to 82.5mm wide or roll feeder paper with the ability to handle up to 200mm diameter rolls with the large roll feeder option, you can now print on a variety of media types and sizes to meet your different label printing needs.

The LD670 supports eleven types of 1-dimension barcodes and four types of 2-dimension barcodes enabling you to choose a suitable barcode to fit all your requirements.

To emphasise caution or important information, use either red, blue or green characters, printed two colour type depends on label media.

Additionally the LD670 comes with optical black mark sensors for tickets and transmission type sensor for print position control. By using these sensors, the cutting position between each label/ticket is set precisely.

These additional features come as standard with the LD670 providing you with the ability to print the labels required for your business.

Key highlights

- Robust and reliable – splash and dust proof to withstand extreme environments
- Two-colour printing capability – to highlight important information
- Auto cutter (full cut) – to enable clean and easy removal of printed labels
- RS232C + USB or LAN connectivity models
- Buzzer "beep" function for print complete notification for use in environments with high noise levels

LD670 - Direct thermal label printer

Printer

Print method	Direct Line Thermal Recording
Print resolution	203dpi (8 dot/mm)
Column and character	**25.4mm width paper:** Font A (13 columns), Font B (16 or 17 columns), Font C (20 columns); **70mm width paper:** Font A (42 columns), Font B (51 or 56 columns), Font C (64 columns); **80mm width paper:** Font A (42 or 48 columns), Font B (51/56 or 57/64 columns), Font C (64 or 72 columns); **82.5mm width paper:** Font A (53 columns), Font B (64 or 71 columns), Font C (80 columns)
Print speed	**One colour:** Up to 260mm/second (69 lps) (58 to 82.5mm paper width), Up to 180mm/second (48lps) (38 to 57mm paper width), Up to 80mm/second (21 lps) (25.4 to 37mm paper width); **Two colours:** Up to 115mm/second (30 lps)

Interface and Software

Connectivity	RS232C (D-SUB 25-pins) + USB2.0 Full speed (Type-B x 1 port) or 10 BASE-T/100BASE-TX (RJ-45 x 1 port)
Emulations	ESC/POS
Character set	**1 byte:** ANK (95 char.), International Charater (48 char.), Enlarged Graphics (128 char. X 20 pages), Download Character (95 char.)
	2 bytes: JIS1&2 Kanji (6879 char.) JISX0208-1990, User-Defined Character (94 char.), Special Characters (845 char.)
Barcode fonts	**One dimension:** UPC-A, UPC-E, EAN8, EAN13, CODE39, ITF(Interleaved Two of Five code), CODABAR(NW-7), Code 93, Code 128, GS1-DataBar(RSS), EAN-128(GS1-128); **Second dimension:** PDF 417, DataMatrix, Maxi code, QR code
Printer driver	Windows 2000 / Server 2003 / Server 2008 / XP / Vista / 7 / Server 2008 R2; OPOS (V1.10 compliance)

Paper Handling

Line feed	3.75mm (Standard), Programmable 0 to 900mm
Paper thickness	60µm (0.060mm) to 150µm (0.150mm)
Paper roll dimension	Up to 102mm diameter
Paper width	**25.4mm:** 20mm (160 dots); **70mm:** 64mm (512 dots); **80mm:** 64mm (512 dots) or 72mm (576 dots); **82.5mm:** 80mm (640 dots)
Cutter method	Automatic Full-cut
Cutter positions	12mm (Standard) or Programmable 1.5mm distance between cutter and top of form
Paper output	Front
Paper sensors	Paper near end and Paper end (standard for Horizontal usage); Reflective (Black mark) paper sensor; Transmissive paper sensor for Die-cut label and notch
Internal buzzer	One buzzer (Standard)

General Features

Memory	**Logo store:** 3Mbit (384K byte)
Power supply	24VDC, +/- 10%
Power consumption	**Operating:** 44W/1.5A; **Standby:** 4.5W/0.2A
Environment	**Operating temperature / humidity:** 0ºC to 40ºC / 10% to 95% RH (without condensation, Highest wet bulb temperature: 29ºC or less)
	Storage temperature / humidity: -20ºC to 60ºC / 5% to 95% RH (without condensation)
Dimensions (HxWxD)	145 x 128 x 207mm
Weight	1.9kg
Reliability	**Printer:** 70 million lines (MCBF); **Printhead:** 150km (One color), 75km (Two color); **Cutter:** 2 million cuts (Paper thickness 60µm), 0.5 million cuts (Paper thickness 150µm), 1 million cuts (Die-cut label), 1 million cuts / (Cont. label with cleaning)
Peripheral Drive Circuit	1 port, 2 circuits, Max.1A
Safety and EMC Standard	CSAUS/CSAC, TUV, CE mark, FCC class A, EN55022 class A
Warranty	1 year
Product order numbers	**RS232C + USB:** 44925503; **10 BASE-T/100BASE-TX:** 44925504

Accessories (Order Number)

Paper roll unit	44950601

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