

# LR3000 Series

Logic Controls Thermal Printer



- Fast printing up to of 9.8 inches per second
- Large drop-in paper roll with 410 feet capacity
- Variable paper width from 2.29 to 3.25 inch (58.0 to 82.5 mm)
- Proven reliability and performance - over 20,000 units sold
- WHQL certified Window drivers and OPOS/JPOS drivers
- Proprietary features: Quick system error recovery and modular interface electronics

## Reliable and Efficient

LR3000 is the first Logic Controls thermal printer used for retail and hospitality applications. Developed with innovative concepts, this printer was designed to be efficient to use, wasting no time during the checkout process. This allows retailers to keep the spotlight on their customers' needs. In researching the best environmental practices and trends, Logic Controls focused on an extensive product life-cycle, using thermal printing technology, which provides superior performance and minimizes waste of paper. It is also ROHS compliant.

## Innovative and Sturdy

LR3000 is equipped with two innovative features: Easy Recovery System (ERS) and Modular Cartridge System (MCS). If a paper jam occurs, ERS restores the printer's operation simply by lifting the printer cover, lifting and inserting back the paper roll. MCS holds all the electronic parts of the printer. It allows the changing of either the mechanism or the cartridge quickly. These features optimize the ease of service and reduce the costs of printer down-time and maintenance. The LR3000 housing is designed with an easy to clean, non-fading material which makes it ideal for demanding environments.

## Compatibility

The LR3000 software tools were designed to facilitate the integration to commercial applications. To allow a quick and easy installation in any environment, the LR3000 offers a wide range of point-of-sale protocols, like ESCPOS, JAVAPOS and OPOS, and spooler drivers for either Windows or library (SO) for Linux. Aligned with market needs and trends, the LR3000 Virtual COM Driver tool is used to render compatible applications designed to communicate data with serial interfaces to the USB and Ethernet interfaces.

# LR3000 THERMAL PRINTER SPECIFICATIONS

## MECHANICAL

Weight	2.6 lbs
Dimension (in inch)	5.90W X 8.58D X 5.75H

## PRINTING

Method	Direct thermal line printing
Printing Speed	9.84 inch/s
Paper Feed Speed	59 lps
Dot Density	0.32 dots/in (203 dpi x 203dpi)
Printing Width	
Paper Width (inch)	Printing Width (inch)
2.28	1.89 (384 dots)
2.99	2.83 (576 dots)
3.15	2.99 (608 dots)
3.25	3.15 (640 dots)
Charaters per Line	21, 28, 42 and/or 56
Caracter Set	CODE 437, CODE 850, CODE858 and CODE 860

## MEDIA

Type	Single-ply thermal paper roll
Width	2.28 to 3.25 inches
Diameter	Up to 4 inches
Thickness	56 to 107 microns

## DRIVERS

Windows 95 / 98 / ME™, NT 4.0™ Windows2000™, Windows XP™, Linux CUPS™

## ENVIRONMENT

Operating temperature	0 to 50 °C
Operating Humidity	10 to 90% RH (non condensing)

## COMMUNICATION INTERFACES

Communication Interfaces	USB 2.0 Serial DB25 Ethernet Serial DB9 (optional) Parallel (optional)
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## FEATURES

Bar Codes	EAN-8, EAN-13, CODE 39, CODE 93, CODE 128, ITF, CODABAR, UPC-A, UPC-E, ISBN, MSI, PLESSEY, PDF-417
Selectable font styles	Normal, Double High, Double Wide, Double High & Wide, Emphasized, Bold, UnderScore, Italic, Inverted, LandScape
Sensors	End of Paper Sensor, Near End Paper Sensor, Top Cover Sensor
Cash Drawer Driver	01 driver (RJ-12 connector)
Drop in and easy paper loading	
Downloadable firmware	
Bit Map Image Buffer, download logos and code pages	
Buzzer under software application control	

## POWER

24VDC ± 10%, 2A (external power supply)

## ACCESSORIES

(1) Power Supply, Communication Cable, Paper Roll

## WARRANTY

2-years on counter