



HF RFID EQUIPPED THERMAL PRINTERS

RFID SOLUTIONS

Cognitive is proud to offer the most affordable and space saving RFID equipped printer on the market. We have incorporated RFID technology into the reliable Advantage LX printer platform without sacrificing price, performance, reliability, and ergonomics. While other manufacturers are attaching RFID equipment to their base product, Cognitive has incorporated the technology right into the printer's chassis. What you get is a simple compact solution that reduces cost and price to the end user.

OPERATION OVERVIEW

Cognitive's RFID barcode label printers provide an integrated solution for traditional barcode labeling and writing an RFID tag. Using an RFID label, the printer can simultaneously write RFID data and print a barcode label. The printer is not limited to performing both operations simultaneously; it can perform either operation independently. So if you just want to print labels or write data to RFID tags, you can do it with a Cognitive Solutions RFID printer.

FEATURES AND BENEFITS

The Cognitive RFID printer provides the best of both auto-id worlds – the ability to print barcode labels and write data to RFID tags. This built-in labeling solution is both affordable and easy to integrate. The Advantage LX RFID prints both direct thermal and thermal transfer labels and tags in a host and network system or in a standalone keyboard or scanner input device system.

APPLICATIONS

- Pharmacy – Anti-Counterfeiting
- Library – Usage Tracking
- Health Care – Patient Identification
- Retail – High Value Items

Advantage **Rfid**

TECHNICAL SPECIFICATIONS

	Printer Model	LBT24-2043-Hxx	LBT42-2043-Hxx
Printing	Technology	Direct Thermal or Thermal Transfer	Direct Thermal or Thermal Transfer
	Width (max)	2.2" (56mm)	4.1" (104mm)
	Length (max)	40" (1016mm) @ 203dpi 160" (4064mm) @ 100dpi	20" (513mm) @ 203dpi 80" (2032mm) @ 100dpi
	Speed (max)	3 ips	3 ips
	Resolution	101 or 203 selectable	101 or 203 selectable (300 dpi option)
Communications	Standard	LHT24-2043-0x1 Serial LHT24-2043-0x2 Parallel	Serial and Parallel LHT42-2043-0x3
	USB Option	Option to standard serial port	Option to standard serial port
	Ethernet Option	LHT24-2043-06 Ethernet Option Includes serial	LHT42-2043-0x6 Ethernet Option Includes serial and parallel
Physical Attributes	Width	5" (127mm)	6.8" (173mm)
	Height	6.1" (155mm)	6.1" (155mm)
	Depth	9.4" (238mm)	9.4" (238mm)
	Weight	3.9lbs (1.77kg)	4.4lbs (2.0kg)
RFID	Frequency	13.56MHz	13.56MHz
	Functionality	Read/Write/Verify	Read/Write/Verify
	Standards Compliant	ISO15693; ISO14443; EPC	ISO15693; ISO14443; EPC
	Data Rate	26kbps (ISO15693) 106kbps (ISO14443)	26kbps (ISO15693) 106kbps (ISO14443)
	Read Range	3" (75mm)	3" (75mm)
	Antenna Location	Integrated into paper path	Integrated into paper path
	Compatible RFID Tags	Tag-It HF-I 2k iCode SLI 1k my-d 2k,10k LRI512 0.5k Tag-It HF 0.5k iCode 1k PicoTag 2k,16k GemWave id data only Mifare id data only	Texas Instruments ISO15693 Philips ISO15693 Infineon ISO15693 St Microelectronics ISO15693 Texas Instruments Proprietary Philips Proprietary Inside Contactless Proprietary TagSys Proprietary Philips ISO14443A



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