

➤ PRODUCT SPECIFICATIONS

RFID



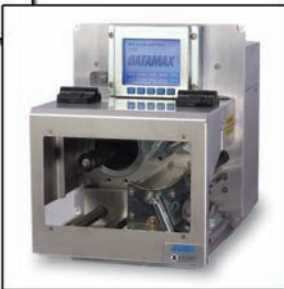
H CLASS™

M CLASS™
Mark II



I CLASS™

A CLASS™



- H-Class
- M-Class
- I-Class
- A-Class

The Datamax RFID (Radio Frequency Identification) product line has been expanded to meet the needs of all current and potential RFID smart label users. RFID and RFID-Ready printers are available for users who are interested in incorporating RFID printing capabilities now or at some point in the future. These printers feature all of the benefits and modularity of Datamax's 'Class' printer design, in addition to an RFID encoder module. The Datamax RFID printers currently support two different frequency modules, HF and UHF. The HF module operates at 13.56 MHz and supports the ISO 15693 High Frequency standard. The UHF module operates between 860 and 960 MHz depending on geographic region and supports the EPCglobal Class 0, 0+, 1, and Class 1 Gen 2 standards, along with ISO 18000-6 and Philips U Code.

The global evolution of the Auto-ID industry has led many companies to search for faster and more efficient tools for automatic identification processes. RFID is one of these tools, as supported by the many existing requirements for tagging of inbound goods for distribution through the supply chain. As a leading automatic identification equipment manufacturer, including printers, labels and integration tools, Datamax understands customer needs for flexible products that are scalable and robust for current and future needs.



Many Datamax customers are finding that smart label applications are appropriate in addressing business challenges that were previously outside the realm of automatic identification technologies. Smart labels incorporate an RFID tag into a traditional thermal label allowing users to combine visual and radio frequency label data into one label product. Smart label applications include supply chain tracking, inventory management, Work-In-Process control and many other traditional automatic identification functions. Datamax RFID printers offer scalable solutions for users regardless of their level of RFID deployment. You can trust Datamax to provide you with the right RFID compliant solutions, as well as solutions for the future of smart labeling.



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PRODUCT SPECIFICATIONS

RFID

Available Printer Configurations:

	H-Class	M-Class <i>MarkII*</i>	I-Class	A-Class
RFID-READY	YES	YES	YES	
RFID/HF	YES	YES	YES	
RFID/UHF	YES	YES		YES

*M-4210 and M-4308 models only.

SUPPORTED UHF BAND TAGS:

- Class 0
- Class 0+
- Class 1, GEN1
- Class 1, GEN2
- EPC 1.19 Ucode
- EM422/4223

SUPPORTED HF BAND TAGS:

- ISO 15693
- TI
- Philip's
- ST LRI512
- ST LRI64

Enhance your RFID compliant initiatives with the addition of these Datamax RFID printer/encoder product features and options:

- DMXWare XML parsing for label printing/encoding from Oracle (WMS and MSCA) and SAP-All applications
- DMXNet II wired and DMXrfNet II wireless network connectivity
- Auto-calibration for ease of RFID smart label setup
- MCL for innovative, printer resident data collection and printer communication applications
- DMXNet Manager for powerful, enterprise control, and remote printer management
- Unicode font support for global implementations

THE RFID SOLUTION

from Datamax is ideal for many applications:

- Logistics Management
- Retail/Apparel
- Library Systems
- Anti-Theft
- Baggage Tags
- Inventory Control
- Asset/People Tracking
- Factory Automation



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