

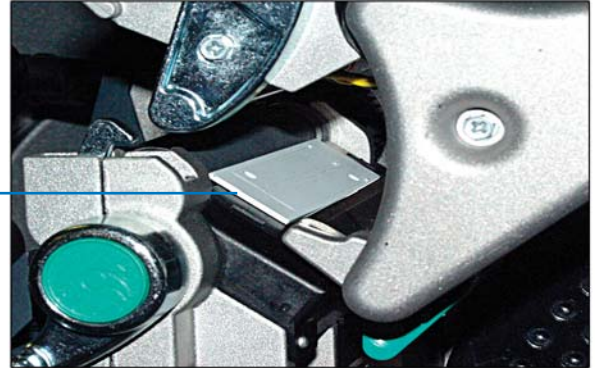
RFID Solutions

The H-Class printer is the first printer in the industry to be completely designed for RFID. Built from the ground up, the H-Class delivers one of the industries most reliable, RFID solution to support the growing demands of RFID compliance and evolving business requirements.

The Datamax H-Class RFID (Radio Frequency Identification) printers offer many benefits to ensure customer requirements are met.

- Multiple power setting to adjust RF power to various protocols
- Tracks both good and unusable labels
- Easy to use calibration feature
- Flexible inlay positioning
- Seamless upgrade to future emerging RFID protocols

RFID Antenna



The Datamax strategic integrated RFID design increases encoding accuracies by reducing the electro-mechanical interferences within the printer. This ensures maximum precision labels.

The Datamax H-4212X and H-4310X are available in two RFID configurations:

RFID-Ready Printer

Configured with the UHF antenna and cable pre-installed. When the unit is ready to be upgraded in the field, an upgrade kit - DPO78-2667-01 can be purchased.

(The upgrade kit includes the module, regulator board, mounting plate, cables, screws and documentation necessary to complete the RFID field installation.)

RFID-Built Printer

Out of the box RFID configuration with all the electronic components and encoding read/write devices installed and enabled to support RFID applications.

All Datamax H-Class RFID printers support either HF and UHF encoder modules. HF operates at 13.56 MHz and supports the ISO 15693 High Frequency standard. UHF operates between 865 and 955 MHz depending on geographic region and supports the EPCglobal Class 0,0+, 1, and Class 1 Gen 2 standards, 18000-6c, along with EM4022/4222 and U Code EPC 1.19. Datamax H-Class printers offer scalable solutions for users regardless of their level of RFID deployment.

RFID Labels can be purchased through Datamax Pioneer. Labels are available with inlays from a variety of manufacturers and have been tested with the H-Class printers.

EPCglobal 
U.S.

ades
automatic data entry and
identification systems

All Datamax Pioneer RFID labels have been tested and approved for use in the H-Class RFID Printers.
Call 800-321-2233 for media pricing.

H-Class - UHF 915 MHz - Sample ROLLS

Texas Instruments DALLAS - Class 1 Gen 2 - 96 Bit

| | Part # | Adhesive | Labels/Roll |
|--------------------------|--------------------|-----------------|--------------------|
| Thermal Transfer 4" x 6" | H420070-U1296-4/FL | Permanent | 150 |

H-Class - UHF 915 MHz - FULL ROLLS

Texas Instruments DALLAS - Class 1 Gen 2 - 96 Bit

| | Part # | Adhesive | Labels/Roll |
|--------------------------|-------------------|-----------------|--------------------|
| Thermal Transfer 4" x 6" | H420070-DALLAS/FL | Permanent | 750 |

Avery Dennison AD-220 RUNWAY - Class 1 Gen 2 - 96 Bit

| | Part # | Adhesive | Labels/Roll |
|--------------------------|------------------|-----------------|--------------------|
| Thermal Transfer 4" x 6" | H420070-AD220/FL | Permanent | 750 |

Avery Dennison AD-810 PHARMA - Class 1 - 96 Bit

| | Part # | Adhesive | Labels/Roll |
|------------------------|------------------|-----------------|--------------------|
| Direct Thermal 2" x 4" | H301044-AD810/FL | Permanent | 1000 |

Alien ALL-9440 SQUIGGLE - Class 1 Gen 2 - 96 Bit

| | Part # | Adhesive | Labels/Roll |
|--------------------------|-------------------|-----------------|--------------------|
| Thermal Transfer 4" x 2" | H420024-AL9440/FL | Permanent | 1000 |

H-Class - UHF 915 MHz - KITS

Label Kit includes 2 rolls of labels (300 labels) and 1 matching ribbon

UHF-TEXAS INSTRUMENTS Dallas Class 1 Gen 2 - 96 Bit

| | Part # | Adhesive | Labels/Roll |
|--------------------------|---------------------|-----------------|--------------------|
| Thermal Transfer 4" x 6" | KH420070-U1296-4/FL | Permanent | 150 |

Alien ALL-9440 SQUIGGLE - Class 1 Gen 2 - 96 Bit

| | Part # | Adhesive | Labels/Roll |
|--------------------------|--------------------|-----------------|--------------------|
| Thermal Transfer 4" x 2" | KH420024-AL9440/FL | Permanent | 150 |

H-Class - HF 13.56 MHz - FULL ROLLS

Texas Instruments Tag-It ISO RI-I11-114A-01 - 256 Bit

| | Part # | Adhesive | Labels/Roll |
|------------------------|------------------|-----------------|--------------------|
| Thermal Transfer 4 x 6 | H420070-HFISO/FL | Permanent | 750 |

Texas Instruments Tag-It ISO RI-I03-112A-03 - 2048 Bit

| | Part # | Adhesive | Labels/Roll |
|------------------------|------------------|-----------------|--------------------|
| Thermal Transfer 2 x 4 | H420044-HFISO/FL | Permanent | 1000 |