

# Datamax® I-4210/I-4212

Direct Thermal/Thermal Transfer Label Printer



## STANDARD FEATURES

- 203dpi (8 dots/mm) print resolution
- 12in (304.8mm) per second print speed
- Serial and parallel connectivity
- Nine bitmapped fonts
- Scalable engine
- Revolving media hub
- 32 bit, 90 mHz microprocessor
- Media window
- 16MB RAM (optional)
- 2MB flash ROM
- Options easily field installed
- Datamax CD-ROM (contains Windows® print drivers and manuals)
- MCL Enabled

## APPROVALS



Windows is a registered trademark of Microsoft

## SPECIFICATIONS

### PRINT SPEED:

I-4210: 2in to 10in per second  
I-4212: 2in to 12in per second  
(50.8 to 304.8mm) in 0.5in (0.01 mm)  
programmable increments

### MAXIMUM PRINT WIDTH/LENGTH:

Width: 4.094in (104mm); Length: 0.25in to 99in  
(6 to 2475mm) 0.75in (19mm) minimum print  
length with optional present sensor

### MEDIA WIDTH:

1in – 4.65in (25mm – 118mm)

### SUPPLY ROLL:

8in (203mm) maximum diameter on 1.5in to  
3in (38 to 76mm) core. Fan-fold stock accepted  
from rear of printer

### RIBBONS:

Industry standard ribbon widths;  
1in (25mm) ribbon core, 1968ft (600m) in length

### MCL:

Macro Command Language allows printer to  
control the printing application

### DIMENSIONS:

12.7in H x 12.62in W x 18.6in D

### RFID PRINTERS ONLY:

HF 13.56MHZ or UHF 915MHZ multi, protocol

### CABINET:

Metal construction

### MACRO COMMAND LANGUAGE:

MCL programmability in printer to control  
print operation without PC

### BAR CODES:

Code 39, Interleaved 2 of 5, Code 128  
(subsets A,B and C), Codabar, LOGMARS,  
UPC-A, UPC-E, UPC 2 & 5 digit addendums,  
EAN-8, EAN-13, EAN 2 & 5 digit addendums,  
UPC random weight, Code 93, MSI Plessey,  
Universal Shipping Container Symbology,  
UCC/EAN Code 128, Postnet, Code 128  
MOD 43, PDF 417, UPS MaxiCode  
(mode 2 & 3), Datamatrix, Telepen

### GRAPHICS SUPPORT:

.PCX, .BMP and .IMG files

### MEMORY:

2MB Downloadable Flash Program Memory;  
16MB DRAM memory

### INTERFACES:

Centronics® Parallel port (IEEE 1284 compliant),  
RS-232 at 2,400 to 38,400 BPS, optional  
Ethernet

### POWER SOURCE:

Auto-sensing 115, 230 VAC 50/60Hz; specify  
appropriate power cord when ordering

### OPERATING TEMPERATURE:

40°F to 95°F (4°C to 35°C)

### APPROVALS:

UL listed, CSA certified, CE marked, FCC Class  
A emissions standard, TUV-GS safety standards,  
ROHS and WEE compliant

### WARRANTY:

Three-year limited warranty on parts.  
One-year or 1 million linear inches on  
original printhead.  
90 days on replacement printhead.

**C&M SCALE**  
Website: [www.cmscale.com](http://www.cmscale.com)  
Email: [support@cmscale.com](mailto:support@cmscale.com)

Toll Free: (800) 243-3721  
In Chicago: (708) 771-0195  
Fax: (708) 771-0195

## I-4210

<b>PART #</b>	<b>DESCRIPTION</b>	<b>EST. SHIP WEIGHT</b>
81181.....	DMX I-4210 Direct Thermal, 115VAC.....	50lb .....
86571.....	DMX I-4210R Direct Thermal Transfer & HF 13.56MHZ RFID Printer.....	

## I-4212

<b>PART #</b>	<b>DESCRIPTION</b>	<b>EST. SHIP WEIGHT</b>
67145.....	DMX I-4212 Direct Thermal Label Printer, 115VAC .....	50lb .....
67162.....	DMX I-4212 Direct Thermal Label Printer, 230VAC w/European power cord ...	50lb .....
75577.....	DMX I-4212 Direct Thermal Label Printer, 115VAC w/peel mechanism and present sensor, internal rewind, thermal transfer .....	55lb .....
86573.....	DMX I-4212R Direct Thermal Transfer & HF 13.56MHZ RFID Printer.....	

### OPTIONS/ACCESSORIES

64884.....	Thermal transfer option (coated side in).....	
78291.....	Peel mechanism and present sensor (requires internal rewind).....	
53911.....	Internal rewind, 6 in outer diameter capacity.....	
86574.....	13.56MHZ RFID add-on module (for use on RFID printer 13.56MHZ).....	
87032.....	915MHZ RFID add-on module (for use with RFID ready printer).....	
53913.....	Font/flash expansion PCB w/out fonts, includes 4MB addressable flash memory storage and font memory.	
84416.....	Internal Ethernet interface kit.....	
64892.....	RS-422 interface.....	
53918.....	Standard cutter kit for 10 mil stock .....	
53921.....	Light duty cutter, designed for 5 mil stock.....	
64895.....	Media tray for cutter.....	
43900.....	LabelView Pro bar code label software for Windows® .....	
93181.....	Film, printhead cleaning 4 in wide.....	
38941.....	Cleaning pens.....	
35664.....	Pre-saturated cleaning cards, 4 in x 6 in, 25/box .....	
64898.....	Additional programmer's manual.....	
64896.....	Additional maintenance manual .....	
81178.....	MCL dual serial port cable .....	

### LABEL STOCK/RIBBON

21776.....	Direct thermal, 3 in W x 3 in L, 8 in diameter, 2000/roll .....	
25973.....	Direct thermal, 4 in W x 6 in L, 6 in diameter, 460/roll .....	
25975.....	Direct thermal, 4.25 in W x 2.5 in L, 6 in diameter, 1090/roll .....	
21785.....	Thermal transfer, 2 in W x 1 in L, 8 in diameter, 5500/roll .....	
21788.....	Thermal transfer, 4 in W x 6 in L, 8 in diameter, 1000/roll .....	
20573.....	Thermal transfer, 4 in W x 6.5 in L, 8 in diameter, 900/roll .....	
34051.....	Ribbon (black), 2 in.....	
34056.....	Ribbon (black), 4 in.....	

### PARTS

53939.....	Print head, 203 dpi.....	
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### CABLES

15547 .....	Blunt end, 25-pin D-sub male RS-232 serial interface cable.....	
Interfaces to: Rice Lake indicators with a serial port screw terminal connection		
37527.....	6 ft parallel cable .....	
41502.....	PC to printer DB9 AT-style interface cable.....	
41501.....	PC to printer DB25 standard interface cable .....	