I-4210

Application Host

LAN

Scanner

Scale

Keyboard

ades
*automatic data entry and
identification systems*

The Datamax I-4210 brings integrated application computing power to the I-Class family of industrial barcode label printers with the addition of the MCL Client from MCL Technologies. MCL, or Macro Command Language, is a completely integrated application development suite tuned for the demands of data collection applications. After developing an application on an MCL development computer the application project is uploaded to the I-4210 where it is hosted as a self-sufficient application. The development computer is no longer necessary for the application to run and the MCL-enabled I-4210 can interact with printer-resident look-up tables as well as wired and wirelessly connected remote ERP systems or other host databases.

The I-4210 retains the standardized I-Class engineering and features such as a precision-crafted die-cast aluminum frame, a 32-bit processor with 8 or 16 MB of standard memory, a front panel user interface with color-coded cues for operator control, an embossed loading diagram for media and ribbon, a unique collapsible ribbon hub and wide-access print mechanism for effortless loading, and a user accessible card cage for the addition of various connectivity option cards.

For more sophisticated MCL applications, additional connectivity and/or input devices may be required. To accommodate these circumstances Datamax has also made available the following items:

- **RS-232 Dual Serial Port Adapter Cable**
  This cable allows two separate external serial devices to share an I-Class serial port for MCL applications that might require, for example, both a barcode scanner and a weight scale; or a barcode scanner and a PS/2 keyboard.

- **PS/2 Keyboard Serial Port Adapter Cable**
  This cable allows a standard PS/2 QWERTY keyboard to be attached to the I-Class serial port, or dual serial port adapter cable, to provide the ability to interact with an MCL application via full-size keyboard.

The I-4210 is ideal for a wide array of mission critical data collection and bar code labeling applications found in industries such as government, healthcare, food services, manufacturing, warehousing, distribution, and shipping.

When you need more from your industrial label printer than labels, step up to the Datamax MCL-enabled I-4210.

MCL TECHNOLOGIES

I CLASS™

DATAMAX

DATAMAX®

ades
automatic data entry and identification systems

PRINT SPEED	10 IPS
RESOLUTION	203 DPI
PRINT WIDTH	4.10" (104 mm)
PRINT LENGTH*	0.25" – 99" (6.35mm – 2475.6mm) ** Print length values vary with printer configuration*
MEMORY	2MB Flash; 16MB SDRAM
PRINTER TYPE	Direct Thermal, Optional Thermal Transfer
BAR CODE MODULUS	5 mil to 150 mil (203 dpi); 3.3 mil to 150 mil (300 dpi); 2.5 mil to 150 mil (406 dpi); 1.6 mil to 150 mil (600 dpi) "X" dimension in picket fence or ladder orientations
MEDIA WIDTH	1" – 4.65" (25.4mm – 118.11mm)
MEDIA TYPE	Roll-fed or fan-fold materials, die-cut or continuous labels; perforated or continuous tag/ticket stock
MEDIA THICKNESS	.0025" – .0100" (.0635mm – .254mm)
MEDIA SENSING	Adjustable sensor detects "see through" for liner-backed die-cut labels and tags or reflective sensing for media with black stripe sensing
SUPPLY ROLL	8" (203mm) maximum diameter on 1.5" – 3" (38mm – 76mm) core. Fan-fold stock accepted from rear of printer
REVOLVING MEDIA HUBS	Standard 3" and 1.5" hubs, optional 40mm
LABEL BACKFEED	For use with optional cutter
RIBBONS	Industry standard ribbon widths; 1" (25mm) ribbon core, 1968' (600M) in length
CABINET	Metal construction, clear side window to easily monitor media supply levels
BAR CODES	Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Code 128, EAN-8, EAN-13, HIBC, Codabar, Plessey, UPC 2 and 5 digit addendums, Code 93, Postnet, UCC/EAN Code 128, Telepen, UPS MaxiCode, FIM, PDF417, USD-8, Datamatrix, QR Code, Aztec, TLC 39, Micro PDF417, RSS
RESIDENT FONTS	Ten alphanumeric fonts from .035" (.89mm) to .64" (16.26mm) including OCR-A, OCR-B, CG Triumvirate™, CG Triumvirate Bold Condensed™ scalable font from AGFA®.
DOWNLOADABLE FONT TYPES	True-Type, AGFA® Intellifont™, Bitmap
CHARACTER SET	Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries
FONT EXPANSION/ROTATION	All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180° and 270°
GRAPHICS SUPPORTED	.PCX, .BMP and .IMG files
REVERSE FIELDS/MIRROR IMAGE	Any font or graphic field can be printed as a normal or reverse image
INTERFACES	Centronics® Parallel port, IEEE 1284 compliant and RS232 at 2,400 to 38,400 BPS; optional Ethernet, USB, and Twinax/Coax
WINDOWS® DRIVER	Used for creating label formats using virtually any Windows®-based program. Included on Datamax Accessories CD, or via our web site at www.datamaxcorp.com
POWER SOURCE	Auto-sensing 90 – 204 VAC @ 47 – 63 Hz; specify appropriate power cord when ordering
OPERATING TEMPERATURE	32°F to 100°F (0°C to 38°C)
DIMENSIONS	12.70" H x 12.62" W x 18.60" D (322.6mm H x 320.6mm W x 472.5mm D)
WEIGHT	45 lbs., 20.5Kg

DATAMAX I-CLASS OPTIONS:

• THERMAL TRANSFER	• PEEL AND PRESENT	• DMXNet ETHERNET CONNECTIVITY
• LIGHT DUTY CUTTER	• FONT EXPANSION CARD	• USB INTERFACE
• STANDARD CUTTER	• ILPC - CG TIMES™ FIRMWARE	• RS-422 INTERFACE
• INTERNAL REWIND	• I/O EXPANSION CARD	• TWINAX / COAX INTERFACE
• LABEL PRESENT SENSOR	• LINEAR SCANNER	• HANGUL, SIMPLIFIED CHINESE, AND KANJI FONT SUPPORT
• DUAL SERIAL PORT "Y" CABLE	• PS/2 KEYBOARD ADAPTER CABLE	• DMXrfNET WIRELESS ETHERNET CONNECTIVITY

I CLASS™