I-Class *Mark II*
Industrial Barcode Printers

I-Class *Mark II* is a family of mid-range industrial barcode printers designed for a wide variety of industrial barcode-printing applications. With a legendary reputation in the industry as a high-quality printer, I-Class Mark II is competitively priced, reliable and easy to integrate.

The I-Class Mark II printer is positioned as the mid-level industrial printer between the compact M-Class Mark II or PD series and the high-performance H-Class or PX series. The I-Class Mark II is loaded with many standard features, such as a fast processor, large memory, a wide selection of communication ports and IntelliSEAQ™. Honeywell's IntelliSEAQ™ printhead combines advanced thermal control to provide sophisticated diagnostics. It also has advanced SEAQ (Sequential Energy Adjustment for Quality) for improved print quality, and durable coating for better abrasion resistance and longer life. Print replacement is reduced, which increases printer up time. Users will also notice a substantial reduction in power consumption. The I-Class Mark II is the ideal printer for shipping and receiving, product identification, pharmacy-labeling and asset-tracking applications.

The versatile I-Class *Mark II* printers can be used in a wide variety of industrial applications with a range of media compatibility, connectivity, emulation support and options. I-Class *Mark II* offers a complete range of printers with 203-, 300-, and 600-dpi models and represents a compelling value in the mid-range industrial printer class.

The I-Class Mark II can easily keep up with high-speed label demand applications. With a state-of-the-art processor, the throughput of the printer is very fast. Its modular design facilitates adding and/or changing options with ease, making it easy to upgrade and reconfigure for business growth.

FEATURES & BENEFITS

Automatically adjust to optimum heat and speed setting to produce the best print quality.

Communication ports include serial, parallel, USB, LAN, 2 USB Host ports and SDIO, W-LAN, and GPIO interface card.

Graphic display includes an easy-to-read 7-button 128x64 LCD display, enabling user-friendly label-configuration setup.

Rugged construction features a gear-driven design and durable die-cast aluminum frame.

Wide printhead access makes the I-Class Mark II easy to maintain with quick printhead and platen roller replacement.

Technical Specifications

PHYSICAL CHARACTERISTICS
Dimensions (HxWxD): 322.6 x 320.5 x 472.4 mm D (12.7 x 12.6 x 18.6 in)
Weight: 20.5 kg (45 lbs)
Construction: Metal cabinet, clear side window to easily monitor media supply levels

USER ENVIRONMENT
Operating Temperature: 0°C to 40°C (32°F to 104°F)

PRINT TECHNOLOGY
Printer Type: Direct thermal; optional thermal transfer
Print Speed:
I-4212e; 304 mms (12 ips), 8 mmps (203 dpi)
I-4310; 254 mms (10 ips), 12 mmps (300 dpi)
I-4606; 152 mms (6 ips), 24 mmps (600 dpi)

POWER SOURCE
Electrical: Auto-sensing 90-132 or 180-264 VAC @ 47-63Hz

COMMUNICATION
Communication Ports (Standard): Serial RS232, USB 2.0, Parallel bi-directional
Communication Ports (Optional): 10/100 BaseT Ethernet, 2 USB host & SDIO, W-LAN, 802.11 a/b/g, GPIO applicator interface card

Security Protocols:

	WEP	WPA	WPA2
Modes		PSK/Enterprise	
Security/ Encryption	64/128	TKIP/RC4	CCMP/AES
Authentication	LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP, IPV4		

MEDIA
Media Type: Roll-fed: 203.2 mm (8.0 in) O.D. on a 38.1 mm (1.5 in) to 76.2 mm (3.0 in) core, fan-fold stock, accepted from rear of printer, die-cut or continuous labels, perforated or continuous tag/ticket stock
Media Width Range: 25.4 mm (1.0 in) to 118.1 mm (4.7 in)
Minimum Media Length:
Tear-off and rewind modes: 6.4 mm (0.25 in)
Peel and cutter modes: 25.4 mm (1.0 in)

Media Thickness Range: 0.06 mm (0.0025 in) to 0.25 mm (0.01 in)
Media Sensing: "See through" for liner-backed die-cut labels and tags, reflective sensor for black mark label media
Label Backfeed: For use with optional cutter
Ribbon Width Range: 25.4 mm (1.0 in) to 114.3 mm (4.5 in)
Ribbon Core: 25.4 mm (1.0 in)
Ribbon Length: 600 m (1,968 ft)
Coated-side-in or coated-side-out
For optimum print quality and printer performance, use certified Honeywell media supplies.

AGENCY APPROVAL
Contact your Honeywell sales representative for the most recent list of agency approvals.

BARCODES/FONTS/GRAPHICS
Linear Symbologies: Linear: Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Industrial 2 of 5, Std 2 of 5, Code 11, Code 93, Code 128, EAN-8, EAN-13, HIBC, Codabar, Plessey, UPC 2 and 5 Digit Addendums, Postnet, UCC/EAN Code 128, Telepen, Planetcode, FIM, USPS-4 State
2D Symbologies: MaxiCode, PDF417, USD-8, Datamatrix, QR Code, Codeablock, Code 16k, Aztec, TLC 39, Micro PDF417, GS1 Databar
Resident Fonts: Ten alphanumeric fonts from 2.5- to 23-point size, including OCR-A, OCR-B, CG Triumvirate™ smooth font from AGFA®; Scalable Fonts: CG Triumvirate Bold Condensed, CG Triumvirate & CG Times with Cyrillic, Greek Arabic and Hebrew character support
Downloadable Font Types: True-Type, Bitmap
Character Set: More than 50 resident character sets; Unicode/UTF8 support
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
Reversible Field/Mirror Image: Any font or graphic field can be printed as a normal or reverse image

SOFTWARE/FIRMWARE
NETira™ CT - Complete printer setup utility
NETira™ LD - Label-design software
Embedded network web pages
Windows® Drivers - NT, XP, Vista
Firmware: Auto Detect - DPL, PL-Z, or PL-I - CLASS MARK II

ACCESSORIES
External Rewinder
Media Tray for Cutter

OPTIONS
2 USB Host, SDIO
Cast Peel Present and Internal Rewind
Cutter (10 mil)
Ethernet-Wired LAN 10/100
Ethernet-Wired, W-LAN 802.11 a/b/g with
GPIO Applicator Interface Card
ILPC (Hangul, Simplified Chinese, and Kanji)
Internal Rewind
Thermal Transfer
WPA2 Security Protocol

WARRANTY
Standard Warranty:
Printer: 1 year*
Printhead: 1 year* or 25,400,000 mm (1,000,000 in), whichever comes first
Extended Warranty: Contact your Honeywell sales representative for extended warranty options available through Honeywell Repair Services

* Covers platen roller, printhead and installed options

Honeywell

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Your Success is Our Passion!

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Get in touch with us
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