

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 IntelliSEAL™. Honeywell's IntelliSEAL™ printhead combines advanced thermal control to provide sophisticated diagnostics. It also has advanced SEAL (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 mmpps (203 dpi)
I-4310; 254 mms (10 ips), 12 mmpps (300 dpi)
I-4606; 152 mms (6 ips), 24 mmpps (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 Symbolologies: 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 Symbolologies: 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



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